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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 163.229 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-7

Perfect score: 944

Sequence: 1 tgcggcctcggtgagcc.....cgtgctgactgggaaacc 944

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA:*

- 1: /cgn2_6/prodata/2/ina/5A COMB.seq:*
- 2: /cgn2_6/prodata/2/ina/5B COMB.seq:*
- 3: /cgn2_6/prodata/2/ina/6A COMB.seq:*
- 4: /cgn2_6/prodata/2/ina/6B COMB.seq:*
- 5: /cgn2_6/prodata/2/ina/PCTUS COMB.seq:*
- 6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	169.6	18.0	3479	US-08-994-689C-3	Sequence 3, Appl
2	169.6	18.0	5276	US-08-994-689C-9	Sequence 9, Appl
3	169.6	18.0	7664	US-08-994-689C-10	Sequence 10, Appl
4	144	15.3	8083	US-09-383-630-4	Sequence 4, Appl
5	144	15.3	8083	US-09-383-630-5	Sequence 5, Appl
6	114.2	12.1	246	US-09-857-063-16	Sequence 16, Appl
7	114.2	12.1	282	US-09-857-063-5	Sequence 5, Appl
8	113	12.0	244	US-09-857-063-14	Sequence 14, Appl
9	113	12.0	283	US-09-857-063-3	Sequence 3, Appl
10	112.8	11.9	246	US-09-857-063-15	Sequence 15, Appl
11	112.8	11.9	283	US-09-857-063-4	Sequence 4, Appl
12	112.6	11.9	241	US-09-857-063-24	Sequence 24, Appl
13	112.6	11.9	277	US-09-857-063-12	Sequence 12, Appl
14	111.4	11.8	247	US-09-857-063-17	Sequence 17, Appl
15	111.4	11.8	256	US-09-857-063-18	Sequence 18, Appl
16	111.4	11.8	256	US-09-857-063-19	Sequence 19, Appl
17	111.4	11.8	282	US-09-857-063-6	Sequence 6, Appl
18	111.4	11.8	282	US-09-857-063-7	Sequence 7, Appl
19	111.4	11.8	282	US-09-857-063-8	Sequence 8, Appl
20	104.4	11.1	32798	US-09-604-694B-1	Sequence 1, Appl
21	104.4	11.1	34303	US-08-735-609-4	Sequence 4, Appl
22	104.4	11.1	34303	US-08-735-609-4	Sequence 4, Appl
23	104.4	11.1	34303	US-09-315-372-4	Sequence 4, Appl
24	104.4	11.1	34303	US-09-244-752-4	Sequence 4, Appl
25	104.4	11.1	34303	US-09-245-497-4	Sequence 4, Appl
26	104.4	11.1	34303	US-09-562-919-4	Sequence 4, Appl
27	104.4	11.1	34382	US-08-374-483-6	Sequence 6, Appl

28 104.4 11.1 35408 3 US-08-973-334-3 Sequence 3, Appli

29 104.4 11.1 35408 3 US-09-563-869A-3 Sequence 3, Appli

30 104.4 11.1 35408 3 US-08-549-489-3 Sequence 3, Appli

31 104.4 11.1 35871 4 US-09-956-335-2 Sequence 1, Appli

32 104.4 11.1 35935 2 US-08-735-609-1 Sequence 1, Appli

33 104.4 11.1 35935 2 US-08-735-609-1 Sequence 1, Appli

34 104.4 11.1 35935 3 US-08-379-452-43 Sequence 43, Appli

35 104.4 11.1 35935 3 US-09-315-372-1 Sequence 1, Appli

36 104.4 11.1 35935 3 US-09-244-752-1 Sequence 1, Appli

37 104.4 11.1 35935 3 US-09-409-670-43 Sequence 43, Appli

38 104.4 11.1 35935 4 US-09-562-919-1 Sequence 1, Appli

39 104.4 11.1 35935 4 US-09-956-335-1 Sequence 1, Appli

40 104.4 11.1 35978 4 US-09-956-335-1 Sequence 1, Appli

41 98 10.4 343 5 PCT-US93-08067-1 Sequence 2, Appli

42 86.8 9.2 36519 3 US-08-923-137-2 Sequence 2, Appli

43 78.8 8.3 266 5 PCT-US93-08067-2 Sequence 2, Appli

44 69.6 7.4 35524 3 US-08-923-137-1 Sequence 1, Appli

45 64.8 6.9 35081 2 US-08-752-760A-1 Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-08-994-689C-3

; Sequence 3, Application US/08994689C

; Patent No. 6613958

; GENERAL INFORMATION:

; APPLICANT: Neuhold, Lisa

; APPLICANT: Killar, Loran

; TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR

; TITLE OF INVENTION: DEGENERATIVE DISEASES OF CARTILAGE

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Darby & Darby PC

; STREET: 805 Third Avenue

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/994,689C

FILING DATE: 1997-12-19

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Green, Reza

REGISTRATION NUMBER: 38,475

REFERENCE/DOCKET NUMBER: 0630/0D532

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-527-7700

TELEFAX: 212-753-6237

TELEX: 236687

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 3479 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

Query Match 18.0%; Score 169.6; DB 4; Length 3479;

Best Local Similarity 80.8%; Pred. No. 7.5e-35;

Matches 210; Conservative 0; Mismatches 49; Indels 1; Gaps 1;

QY 410 CCGTGGCCGCTGCCGCCACCTTCAGATCGATTCGGATTGGCAGCGATGCTTCAGA 469

Db 987 CCTCAGTCTCTCTTTGAGGCTTTGCTGAGGATGACAGGATGGCTTCACGA 1046
QY 470 TGGGCTGAAACCCCTGCCGCTATTATTTAAACTGGTTCTCGTGGAGAGCTGTGAATCGG 529
Db 1047 TGGGCTGAAACCCCTGCCGCTATTATTTAAACTGGTTCTCGTGGAGAGCTGTGAATCGG 1106
QY 530 GCTCTGTATGCGTTGAGAAAGCCCATTCATGAGAGGCAAGGCCAGTGGGT-CCCCC 588
Db 1107 GCTCTGTATGCGTGCAGAAAGCCCATTCATGAGAGGCAAGGCCAGTGGGTCCCCC 1166
QY 589 AACTCCCGGACCCCTCTCCCAATGCAACGCTCCCGCCCTCATCCCCCCCCCACC 648
Db 1167 GACTCCCGGACCCCTCTCCCAATATATCCCGCCCTCCTGTGCCGCTGCCGCCAC 1226
QY 649 CCCCCGTGCCGCTGCCGC 668
Db 1227 CTCCTGGGCTCCGGCCCGC 1246

RESULT 2

US-08-994-689C-9

; Sequence 9, Application US/08994689C

; Patent No. 6613958

; GENERAL INFORMATION:

; APPLICANT: Neuhold, Lisa

; APPLICANT: Killar, Loran

; TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR

; TITLE OF INVENTION: DEGENERATIVE DISEASES OF CARTILAGE

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Darby & Darby PC

; STREET: 805 Third Avenue

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10022

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/994,689C

; FILING DATE: 1997-12-19

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Green, Reza

; REGISTRATION NUMBER: 38,475

; REFERENCE/DOCKET NUMBER: 0630/0D532

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-527-7700

; TELEFAX: 212-753-6237

; TELEX: 236687

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 5276 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-08-994-689C-9

Query Match

Best Local Similarity 18.0%; Score 169.6; DB 4; Length 5276;

Matches 210; Conservative 0; Mismatches 49; Indels 1; Gaps 1;

QY

410 CCGGTGCCGCTGCCGCCACCTTCAGATCGATCTGGGATGGCAGGATGGCTTCACGA 469

Db

988 CCTCAGTCTCTCTTTGAGGCTTTGCTGAGGATGACAGGATGGCTTCACGA 1047

QY 470 TGGGCTGAAACCCCTGCCGCTATTATTTAAACTGGTTCTCGTGGAGAGCTGTGAATCGG 529
Db 1048 TGGGCTGAAACCCCTGCCGCTATTATTTAAACTGGTTCTCGTGGAGAGCTGTGAATCGG 1107
QY 530 GCTCTGTATGCGTTGAGAAAGCCCATTCATGAGAGGCAAGGCCAGTGGGT-CCCCC 588
Db 1108 GCTCTGTATGCGTGCAGAAAGCCCATTCATGAGAGGCAAGGCCAGTGGGTCCCCC 1167
QY 589 AACTCCCGGACCCCTCTCCCAATGCAACGCTCCCGCCCTCATCCCCCCCCCACC 648
Db 1168 GACTCCCGGACCCCTCTCCCAATATATCCCGCCCTCCTGTGCCGCTGCCGCCAC 1227
QY 649 CCCCCGTGCCGCTGCCGC 668
Db 1228 CTCCTGGGCTCCGGCCCGC 1247

RESULT 3

US-08-994-689C-10

; Sequence 10, Application US/08994689C

; Patent No. 6613958

; GENERAL INFORMATION:

; APPLICANT: Neuhold, Lisa

; APPLICANT: Killar, Loran

; TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR

; TITLE OF INVENTION: DEGENERATIVE DISEASES OF CARTILAGE

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Darby & Darby PC

; STREET: 805 Third Avenue

; CITY: New York

; STATE: NY

; COUNTRY: USA

; ZIP: 10022

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/994,689C

; FILING DATE: 1997-12-19

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Green, Reza

; REGISTRATION NUMBER: 38,475

; REFERENCE/DOCKET NUMBER: 0630/0D532

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 212-527-7700

; TELEFAX: 212-753-6237

; TELEX: 236687

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 7664 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-08-994-689C-10

Query Match

Best Local Similarity 18.0%; Score 169.6; DB 4; Length 7664;

Matches 210; Conservative 0; Mismatches 49; Indels 1; Gaps 1;

QY

410 CCGGTGCCGCTGCCGCCACCTTCAGATCGATCTGGGATGGCAGGATGGCTTCACGA 469

Db

988 CCTCAGTCTCTCTTTGAGGCTTTGCTGAGGATGACAGGATGGCTTCACGA 1047

QY

470 TGGGCTGAAACCCCTGCCGCTATTATTTAAACTGGTTCTCGTGGAGAGCTGTGAATCGG 529

Db 1048 TGGGCTGAACCTGCGGTATTTAACTGTTCTCTGGAGAGCTGTGAATCGG 1107
QY 530 GCTCTGTATGCGCTTGAGAAAGCCCATTCATGAGAGCGAGCCAGTGGT-CCCC 588
Db 1108 GCTCTGTATGCGCTTGAGAAAGCCCATTCATGAGAGCGAGCCAGTGGTCCCC 1167
QY 589 AACTCCCGAGCCCTCTCCACAAATGACAGCTCCCGGCCCTCATCCCCCCCCCAC 648
Db 1168 GACTCCCGAGCCCTCTCCACAAATATATCCCCCTCTGTCGCCCTGCGCCAC 1227
QY 649 CCCCCGTGCGCTGCGGC 668
Db 1228 CTCCCGGCTCGGCCCGC 1247

RESULT 4

US-09-383-630-4
; Sequence 4, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yayon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA

NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
CITY: Arlington
STATE: Virginia
COUNTRY: United States of America
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11
SOFTWARE: Word for Windows version 2.0 converted
to an ASCII file

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/383,630A

FILING DATE: 26-Aug-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Friedman, Mark M.

REGISTRATION NUMBER: 33,883

REFERENCE/DOCKET NUMBER: 1402/2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 972-3-5625553

TELEFAX: 972-3-5625554

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 8083

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-383-630-4

Query Match 15.3%; Score 144; DB 3; Length 8083;
Best Local Similarity 96.7%; Pred. No. 4.6e-28;
Matches 147; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 732 TAGTGGATCCCCCGGCTGACAGATCTGTAGGGCGCAGTAGTCCAGGGTTCTTGTGATGAT 791
Db 4867 TAGTGGATCCCCCGGCTGACAGATCCCCCGGCGCAGTAGTCCAGGGTTCTTGTGATGAT 4926

QY 792 GTCACTACTATCTGTCCTTTTTCACAGCTCGGGTTGAGACAAACTCTTCGCG 851

Db 4927 GTCACTACTATCTGTCCTTTTTCACAGCTCGGGTTGAGACAAACTCTTCGCG 4986
QY 852 GTCTTCCAGTGGGATCGACGGTATCGATAA 883
Db 4987 GTCTTCCAGTGGGATCGACGGTATCGATCA 5018

RESULT 5

US-09-383-630-5
; Sequence 5, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:

APPLICANT: Avner Yayon et al.

TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
FACTOR RECEPTOR ASSOCIATED
CHONDRODYSPLASIA

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207

CITY: Arlington

STATE: Virginia

COUNTRY: United States of America

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk

COMPUTER: Twinhead* Slimnote-890TX

OPERATING SYSTEM: MS DOS version 6.2,
Windows version 3.11

SOFTWARE: Word for Windows version 2.0 converted
to an ASCII file

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/383,630A

FILING DATE: 26-Aug-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Friedman, Mark M.

REGISTRATION NUMBER: 33,883

REFERENCE/DOCKET NUMBER: 1402/2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 972-3-5625553

TELEFAX: 972-3-5625554

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 8083

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-383-630-5

Query Match 15.3%; Score 144; DB 3; Length 8083;
Best Local Similarity 96.7%; Pred. No. 4.6e-28;
Matches 147; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 732 TAGTGGATCCCCCGGCTGACAGATCTGTAGGGCGCAGTAGTCCAGGGTTCTTGTGATGAT 791
Db 4867 TAGTGGATCCCCCGGCTGACAGATCCCCCGGCGCAGTAGTCCAGGGTTCTTGTGATGAT 4926

QY 792 GTCACTACTATCTGTCCTTTTTCACAGCTCGGGTTGAGACAAACTCTTCGCG 851
Db 4927 GTCACTACTATCTGTCCTTTTTCACAGCTCGGGTTGAGACAAACTCTTCGCG 4986

QY 852 GTCTTCCAGTGGGATCGACGGTATCGATAA 883

Db 4987 GTCTTCCAGTGGGATCGACGGTATCGATCA 5018

RESULT 6

US-09-857-063-16
; Sequence 16, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 246
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-16

Query Match 12.1%; Score 114.2; DB 4; Length 246;
Best Local Similarity 87.4%; Pred. No. 9.4e-21;
Matches 125; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 727 AGCTTAGTGGATCCCCGGGCTGCAGATCTGTAGGCGCAGTAGTCACAGGTTTCCTTG 786
DB 103 AGCACTTCTGACGCCAAGCTTGTGCAGCTGTAGGCGCAGTAGTCACAGGTTTCCTTG 162

QY 787 ATGATGTACATCTATCTCTGTCCTTTTTCACAGCTCGCGGTTCAGGACAAACTCT 846
DB 163 ATGATGTACATCTATCTCTGTCCTTTTTCACAGCTCGCGGTTCAGGACAAACTCT 222

QY 847 TCGCGTCTTTCAGTGGGATC 869
DB 223 TCGCGTCTTTCAGTGGGATC 245

RESULT 7

US-09-857-063-5
; Sequence 5, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 282
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA

US-09-857-063-5

Query Match 12.1%; Score 114.2; DB 4; Length 282;
Best Local Similarity 87.4%; Pred. No. 9.7e-21;
Matches 125; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 727 AGCTTAGTGGATCCCCGGGCTGCAGATCTGTAGGCGCAGTAGTCACAGGTTTCCTTG 786
DB 139 AGCACTTCTGACGCCAAGCTTGTGCAGCTGTAGGCGCAGTAGTCACAGGTTTCCTTG 198

QY 787 ATGATGTACATCTATCTCTGTCCTTTTTCACAGCTCGCGGTTCAGGACAAACTCT 846
DB 199 ATGATGTACATCTATCTCTGTCCTTTTTCACAGCTCGCGGTTCAGGACAAACTCT 258

QY 847 TCGCGTCTTTCAGTGGGATC 869
DB 259 TCGCGTCTTTCAGTGGGATC 281

RESULT 8

US-09-857-063-14
; Sequence 14, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 244
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-14

Query Match 12.0%; Score 113; DB 4; Length 244;
Best Local Similarity 95.9%; Pred. No. 1.9e-20;
Matches 116; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 TCTAGGGCGCAGTAGTCACAGGTTTCCTTGATGATGTCATATCTCTGTCCTTTT 816
DB 85 TCTAGGGCGCAGTAGTCACAGGTTTCCTTGATGATGTCATATCTCTGTCCTTTT 144

QY 817 TTCCACAGCTCGCGGTTCAGGACAAACTCTTCGCGGTCTTTCAGTGGGATCGAGGTA 876
DB 145 TTCCACAGCTCGCGGTTCAGGACAAACTCTTCGCGGTCTTTCAGTGGGATCGAGGTA 204

QY 877 T 877
DB 205 T 205

RESULT 9

US-09-857-063-3
; Sequence 3, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus

APPLICANT: Luhrmann, Reinhard
APPLICANT: Achsel, Tilmann
APPLICANT: Vornlocher, Hans-Peter
TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
FILE REFERENCE: 199at.01.us (8602*34)
CURRENT APPLICATION NUMBER: US/09/857,063
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: PCT/EP00/01595
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: DE 199 09 156.0
PRIOR FILING DATE: 1999-03-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 283
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pre-mRNA
US-09-857-063-3

Query Match 12.0%; Score 113; DB 4; Length 283;
Best Local Similarity 95.9%; Pred. No. 2e-20;
Matches 116; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 757 TGTAGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 816

DB 124 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 183

QY 817 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGACGTA 876

DB 184 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGACGTA 243

QY 877 T 877

DB 244 T 244

RESULT 10
US-09-857-063-15
Sequence 15, Application US/09857063
Patent No. 6579681
GENERAL INFORMATION:
APPLICANT: Huls, Christoph
APPLICANT: Bauer, Bettina
APPLICANT: Simandi, Claus
APPLICANT: Luhrmann, Reinhard
APPLICANT: Achsel, Tilmann
APPLICANT: Vornlocher, Hans-Peter
TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
FILE REFERENCE: 199at.01.us (8602*34)
CURRENT APPLICATION NUMBER: US/09/857,063
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: PCT/EP00/01595
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: DE 199 09 156.0
PRIOR FILING DATE: 1999-03-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 246
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pre-mRNA
US-09-857-063-15

Query Match 11.9%; Score 112.8; DB 4; Length 246;
Best Local Similarity 98.3%; Pred. No. 2.2e-20;
Matches 114; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 757 TGTAGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 816

DB 88 TCTAGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 147

QY 817 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGAC 872

DB 148 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGGC 203

RESULT 11

US-09-857-063-4
Sequence 4, Application US/09857063
Patent No. 6579681
GENERAL INFORMATION:
APPLICANT: Huls, Christoph
APPLICANT: Bauer, Bettina
APPLICANT: Simandi, Claus
APPLICANT: Luhrmann, Reinhard
APPLICANT: Achsel, Tilmann
APPLICANT: Vornlocher, Hans-Peter
TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
FILE REFERENCE: 199at.01.us (8602*34)
CURRENT APPLICATION NUMBER: US/09/857,063
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: PCT/EP00/01595
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: DE 199 09 156.0
PRIOR FILING DATE: 1999-03-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 283
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pre-mRNA
US-09-857-063-4

Query Match 11.9%; Score 112.8; DB 4; Length 283;
Best Local Similarity 98.3%; Pred. No. 2.3e-20;
Matches 114; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 757 TGTAGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 816

DB 125 TCTAGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCTCTGTCCTCTTTT 184

QY 817 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGAC 872

DB 185 TTCCACAGCTCGCGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGGATCGGC 240

RESULT 12

US-09-857-063-24
Sequence 24, Application US/09857063
Patent No. 6579681
GENERAL INFORMATION:
APPLICANT: Huls, Christoph
APPLICANT: Bauer, Bettina
APPLICANT: Simandi, Claus
APPLICANT: Luhrmann, Reinhard
APPLICANT: Achsel, Tilmann
APPLICANT: Vornlocher, Hans-Peter
TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
FILE REFERENCE: 199at.01.us (8602*34)
CURRENT APPLICATION NUMBER: US/09/857,063
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: PCT/EP00/01595
PRIOR FILING DATE: 2000-02-25
PRIOR APPLICATION NUMBER: DE 199 09 156.0
PRIOR FILING DATE: 1999-03-02
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 241
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-24

Query Match      11.9%; Score 112.6; DB 4; Length 241;
Best Local Similarity 96.6%; Pred. No. 2.4e-20;
Matches 115; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 816
Db 88 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 147
QY 817 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATCGACGGT 875
Db 148 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATCGGGAT 206

RESULT 13
US-09-857-063-12
; Sequence 12, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 277
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-12

Query Match      11.9%; Score 112.6; DB 4; Length 277;
Best Local Similarity 96.6%; Pred. No. 2.5e-20;
Matches 115; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 816
Db 124 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 183
QY 817 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATCGACGGT 875
Db 184 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATCGGGAT 242

RESULT 14
US-09-857-063-17
; Sequence 17, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
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; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 247
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-17

Query Match      11.8%; Score 111.4; DB 4; Length 247;
Best Local Similarity 99.1%; Pred. No. 5e-20;
Matches 112; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 816
Db 134 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 193
QY 817 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATC 869
Db 194 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATC 246

RESULT 15
US-09-857-063-18
; Sequence 18, Application US/09857063
; Patent No. 6579681
; GENERAL INFORMATION:
; APPLICANT: Huls, Christoph
; APPLICANT: Bauer, Bettina
; APPLICANT: Simandi, Claus
; APPLICANT: Luhrmann, Reinhard
; APPLICANT: Achsel, Tilmann
; APPLICANT: Vornlocher, Hans-Peter
; TITLE OF INVENTION: Test System for Detecting a Splicing Reaction and Use Thereof
; FILE REFERENCE: 199at.01.us (8602*34)
; CURRENT APPLICATION NUMBER: US/09/857,063
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/EP00/01595
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: DE 199 09 156.0
; PRIOR FILING DATE: 1999-03-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 18
; LENGTH: 256
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: pre-mRNA
US-09-857-063-18

Query Match      11.8%; Score 111.4; DB 4; Length 256;
Best Local Similarity 99.1%; Pred. No. 5.1e-20;
Matches 112; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 816
Db 143 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATCTATCCCTGTCCTCTTTT 202
QY 817 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATC 869
Db 203 TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGGTCTTCCAGTGGGATC 255

Search completed: April 9, 2004, 01:27:49
Job time : 164.229 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 1065.28 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-7
Perfect score: 944
Sequence: 1 tgcggcctcgctgagcc.....cgtgactgggaaaccc 944

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/2/pubna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/2/pubna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubna/US05_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubna/US06_PUBCOMB.seq.*
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- 8: /cgn2_6/ptodata/2/pubna/US08_PUBCOMB.seq.*
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- 10: /cgn2_6/ptodata/2/pubna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubna/US09D_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/2/pubna/US10A_PUBCOMB.seq.*
- 14: /cgn2_6/ptodata/2/pubna/US10B_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubna/US10C_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubna/US10_NEW_PUB.seq.*
- 17: /cgn2_6/ptodata/2/pubna/US60_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	944	100.0	944	9	US-09-808-388-7
2	169.6	18.0	3479	14	US-10-375-884-3
3	169.6	18.0	5276	14	US-10-375-884-9
4	169.6	18.0	7664	14	US-10-375-884-10
5	122.4	13.0	5887	14	US-10-277-161-73
6	104.4	11.1	1240	9	US-09-847-101B-28
7	104.4	11.1	1240	10	US-09-482-682-32
8	104.4	11.1	7231	9	US-09-847-101B-42
9	104.4	11.1	7231	10	US-09-482-682-64
10	104.4	11.1	7960	9	US-09-847-101B-30
11	104.4	11.1	7960	10	US-09-482-682-44
12	104.4	11.1	7989	9	US-09-847-101B-33
13	104.4	11.1	7989	10	US-09-482-682-47
14	104.4	11.1	8383	9	US-09-847-101B-29
15	104.4	11.1	8383	10	US-09-482-682-43

16	104.4	11.1	8484	10	US-09-482-682-65	Sequence 65, Appl
17	104.4	11.1	10491	14	US-10-359-050-18	Sequence 18, Appl
18	104.4	11.1	11784	14	US-10-359-050-20	Sequence 20, Appl
19	104.4	11.1	11784	15	US-10-014-099F-106	Sequence 106, App
20	104.4	11.1	12538	14	US-10-359-050-12	Sequence 12, Appl
21	104.4	11.1	12645	14	US-10-359-050-13	Sequence 13, Appl
22	104.4	11.1	30365	12	US-10-384-136-4	Sequence 4, Appli
23	104.4	11.1	31672	12	US-10-384-136-3	Sequence 3, Appli
24	104.4	11.1	31880	15	US-10-427-717-507	Sequence 507, App
25	104.4	11.1	32480	9	US-09-847-101B-23	Sequence 23, Appl
26	104.4	11.1	32480	10	US-09-482-682-27	Sequence 27, Appl
27	104.4	11.1	32798	14	US-10-424-638-1	Sequence 1, Appli
28	104.4	11.1	33622	15	US-10-403-337-44	Sequence 44, Appl
29	104.4	11.1	33622	15	US-10-351-890-44	Sequence 44, Appl
30	104.4	11.1	33855	15	US-10-383-846-5	Sequence 5, Appli
31	104.4	11.1	34427	10	US-09-111-911-5	Sequence 5, Appli
32	104.4	11.1	34555	14	US-10-117-982-479	Sequence 479, App
33	104.4	11.1	34555	15	US-10-313-986-479	Sequence 1, Appli
34	104.4	11.1	34573	15	US-10-383-846-1	Sequence 1, Appli
35	104.4	11.1	34616	12	US-10-384-136-2	Sequence 2, Appli
36	104.4	11.1	35211	15	US-10-403-337-43	Sequence 43, Appl
37	104.4	11.1	35211	15	US-10-351-890-43	Sequence 43, Appl
38	104.4	11.1	35408	14	US-10-155-649-3	Sequence 3, Appli
39	104.4	11.1	35871	9	US-09-956-335-2	Sequence 2, Appli
40	104.4	11.1	35935	9	US-09-725-720-43	Sequence 43, Appl
41	104.4	11.1	35935	9	US-09-782-378A-4	Sequence 4, Appli
42	104.4	11.1	35935	9	US-09-782-378A-5	Sequence 5, Appli
43	104.4	11.1	35935	10	US-09-739-007-43	Sequence 43, Appl
44	104.4	11.1	35937	9	US-09-782-378A-3	Sequence 3, Appli
45	104.4	11.1	35978	9	US-09-956-335-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-808-388-7
; Sequence 7, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 944
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence conferring specificity of expression
US-09-808-388-7

Query Match 100.0%; Score 944; DB 9; Length 944;
Best Local Similarity 100.0%; Pred. No. 1.5e-288;
Matches 944; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	TGCGGCTCGGGTGAGCCCTGATCCGCTCGGGGCTCCCGAGTCGCTGGTGGCTGGA	60
Db	1	TGCGGCTCGGGTGAGCCCTGATCCGCTCGGGGCTCCCGAGTCGCTGGTGGCTGGA	60
Qy	61	CGTCTCATCGCCGCGGTCTTACGGTGTACGGGCCAGGATGCCCGTAGTGCCTGGCGG	120

QY 589 AACTCCCGAGCCCTCTCCACAAATGCACAGCCTCCCGCCTCATCCCGCCCGCCAC 648
 |||||
 Db 1168 GACTCCCGAGCCCTCTCCACAAATGCACAGCCTCCCGCCTCATCCCGCCCGCCAC 1227
 |||||
 QY 649 CCCCCTGCGCCCTGCGCGC 668
 |||||
 Db 1228 CTCCTCGGCTCGCGCCCGC 1247
 |||||

RESULT 4
 US-10-375-884-10
 ; Sequence 10, Application US/10375884
 ; Publication No. US20030159165A1
 ; GENERAL INFORMATION:
 ; APPLICANT: NEUHOLD, Lisa A.
 ; APPLICANT: KILLAR, Loran Marie
 ; TITLE OF INVENTION: TRANSGENIC ANIMAL MODEL FOR DEGENERATIVE DISEASES OF CARTILAGE
 ; FILE REFERENCE: 0630/ID532US2
 ; CURRENT APPLICATION NUMBER: US/10/375,884
 ; CURRENT FILING DATE: 2003-02-27
 ; PRIOR APPLICATION NUMBER: US 08/994,689
 ; PRIOR FILING DATE: 1997-12-19
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 10
 ; LENGTH: 7664
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: transgene
 US-10-375-884-10

Query Match 18.0%; Score 169.6; DB 14; Length 7664;
 Best Local Similarity 80.8%; Pred. No. 1.3e-39;
 Matches 210; Conservative 0; Mismatches 49; Indels 1; Gaps 1;
 QY 410 CCCTGCGCCGCTCGCGCCACCTTCAGATCGATCTGGGATTCGCGCGCATGCTTCCAGA 469
 |||||
 Db 988 CTTAGTCTCTCTTTGTGAGGCTTTGCTGTTGAGGATTCGCGCGCATGCTTCCAGA 1047
 |||||
 QY 470 TGGCTGAACCTGCGCCCTATTATTTAACTGTTCTCGTGGAGAGCTGTAATCGG 529
 |||||
 Db 1048 TGGCTGAACCTGCGCCCTATTATTTAACTGTTCTCGTGGAGAGCTGTAATCGG 1107
 |||||
 QY 530 GCTCTGTATGCTGTGAGAAAGCCCATTCATGAGGCAAGGCGCAGTGGGT-CCCCC 588
 |||||
 Db 1108 GCTCTGTATGCTGTGAGAAAGCCCATTCATGAGGCAAGGCGCAGTGGGTCCCCC 1167
 |||||
 QY 589 AACTCCCGAGCCCTCTCCACAAATGCACAGCCTCCCGCCTCATCCCGCCCGCCAC 648
 |||||
 Db 1168 GACTCCCGAGCCCTCTCCACAAATGCACAGCCTCCCGCCTCATCCCGCCCGCCAC 1227
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 QY 649 CCCCCTGCGCCCTGCGCGC 668
 |||||
 Db 1228 CTCCTCGGCTCGCGCCCGC 1247
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RESULT 5
 US-10-277-161-73
 ; Sequence 73, Application US/10277161
 ; Publication No. US20030194696A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zauderer, Maurice
 ; APPLICANT: Smith, Ernest S.
 ; TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucle
 ; FILE REFERENCE: 1821.0050006
 ; CURRENT APPLICATION NUMBER: US/10/277,161
 ; CURRENT FILING DATE: 2002-10-22
 ; PRIOR APPLICATION NUMBER: 60/192,586
 ; PRIOR FILING DATE: 2000-03-28
 ; PRIOR APPLICATION NUMBER: 60/203,343

; PRIOR FILING DATE: 2000-05-10
 ; PRIOR APPLICATION NUMBER: 60/263,226
 ; PRIOR FILING DATE: 2001-01-23
 ; PRIOR APPLICATION NUMBER: 60/271,426
 ; PRIOR FILING DATE: 2001-02-27
 ; PRIOR APPLICATION NUMBER: 09/818,991
 ; PRIOR FILING DATE: 2001-03-28
 ; NUMBER OF SEQ ID NOS: 76
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 73
 ; LENGTH: 5887
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-277-161-73

Query Match 13.0%; Score 122.4; DB 14; Length 5887;
 Best Local Similarity 79.7%; Pred. No. 1e-25;
 Matches 169; Conservative 0; Mismatches 41; Indels 2; Gaps 2;
 QY 445 GGGATTGGCAGCATGGCTTCAGAT-GGCTGAAACCCCTGCCCTATTATTTAACTG 503
 |||||
 Db 3830 GAGATTGGCAGCATGGCTTCAGATGGGCTGAAACGCTGCCGTATTATTTAACTG 3889
 |||||
 QY 504 GTTCTCTGAGAGCTGTGAATCGGCTCTGTATGGCTTGAGAAAGCCCATTCATG 563
 |||||
 Db 3890 GTTCTCTGAGAGACCTGTGAATCGGCTCTGTGTGCGCTCGAGAAAGCCCATTCATG 3949
 |||||
 QY 564 AGAGCAAGGCCAGTGGG-TCCCCCAACTCCCCGACCCCTCTCCCAATGCACAGC 622
 |||||
 Db 3950 AGAGCAAGGTCAGTGGGTTCTCTGTAATCCAGACCCCTCTCCCAATGCACAGC 4009
 |||||
 QY 623 CTCCTCGGCTCATCCCCCCCCCACCCTCCG 654
 |||||
 Db 4010 TGTGCGCGCGCGCCACCTCTCGGCTCCAG 4041
 |||||

RESULT 6
 US-09-847-101B-28
 ; Sequence 28, Application US/09847101B
 ; Publication No. US20020193327A1
 ; GENERAL INFORMATION:
 ; APPLICANT: VON SEGGERN, DANIEL
 ; APPLICANT: NEMEROW, GLEN R.
 ; APPLICANT: FRIEDLANDER, MARTIN
 ; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THE
 ; FILE REFERENCE: 22908-1226B
 ; CURRENT APPLICATION NUMBER: US/09/847,101B
 ; CURRENT FILING DATE: 2001-05-01
 ; PRIOR APPLICATION NUMBER: 09/562,934
 ; PRIOR FILING DATE: 2000-05-01
 ; NUMBER OF SEQ ID NOS: 50
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 28
 ; LENGTH: 1240
 ; TYPE: DNA
 ; ORGANISM: adenovirus
 US-09-847-101B-28

Query Match 11.1%; Score 104.4; DB 9; Length 1240;
 Best Local Similarity 99.1%; Pred. No. 1.4e-20;
 Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 757 TGTAGGCGCAGTAGTCCAGGTTTCCTTGATGATGTATCATCTATCTGTCCTCTTTT 816
 |||||
 Db 1001 TCTAGGCGCAGTAGTCCAGGTTTCCTTGATGATGTATCATCTATCTGTCCTCTTTT 1060
 |||||
 QY 817 TTCCACAGCTCGCGGTCGAGCAAACTCTTCGCGGTCTTTCCACT 862
 |||||
 Db 1061 TTCCACAGCTCGCGGTCGAGCAAACTCTTCGCGGTCTTTCCACT 1106
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RESULT 7
 US-09-482-682-32

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; Sequence 32, Application US/09482682
; Publication No. US20030157688A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: HALLENBECK, PAUL
; APPLICANT: STEVENSON, SUSAN
; APPLICANT: SKRIPCHENKO, YELENA
; TITLE OF INVENTION: ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS,
; TITLE OF INVENTION: AND METHODS FOR PREPARATION AND USE
; FILE REFERENCE: 1294.0010001
; CURRENT APPLICATION NUMBER: US/09/482,682
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 1240
; TYPE: DNA
; ORGANISM: adenovirus
US-09-482-682-32

Query Match 11.1%; Score 104.4; DB 10; Length 1240;
Best Local Similarity 99.1%; Pred. No. 1.4e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 816
Db 1001 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 1060

QY 817 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 862
Db 1061 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 1106

RESULT 8
US-09-847-101B-42
; Sequence 42, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 7231
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pdV80
US-09-847-101B-42

Query Match 11.1%; Score 104.4; DB 9; Length 7231;
Best Local Similarity 99.1%; Pred. No. 2.3e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 816
Db 1849 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 1908

QY 817 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 862
Db 1909 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 1954

RESULT 9
US-09-482-682-64

; Sequence 64, Application US/09482682
; Publication No. US20030157688A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: HALLENBECK, PAUL
; APPLICANT: STEVENSON, SUSAN
; APPLICANT: SKRIPCHENKO, YELENA
; TITLE OF INVENTION: ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS,
; TITLE OF INVENTION: AND METHODS FOR PREPARATION AND USE
; FILE REFERENCE: 1294.0010001
; CURRENT APPLICATION NUMBER: US/09/482,682
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 64
; LENGTH: 7231
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid
US-09-482-682-64

Query Match 11.1%; Score 104.4; DB 10; Length 7231;
Best Local Similarity 99.1%; Pred. No. 2.3e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 816
Db 1849 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATACATTATCCTGTCCCTTTT 1908

QY 817 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 862
Db 1909 TTCCACAGCTCGGGTTGAGGACAAACTCTTCGGGTCCTTCCAGT 2034
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RESULT 11
US-09-482-682-44
; Sequence 44, Application US/09482682
; Publication No. US20030157688A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: HALLENBECK, PAUL
; APPLICANT: STEVENSON, SUSAN
; APPLICANT: SKRIPCHENKO, YELENA
; TITLE OF INVENTION: ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS,
; TITLE OF INVENTION: AND METHODS FOR PREPARATION AND USE
; FILE REFERENCE: 1294.0010001
; CURRENT APPLICATION NUMBER: US/09/482,682
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 7960
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid
US-09-482-682-44
Query Match 11.1%; Score 104.4; DB 10; Length 7960;
Best Local Similarity 99.1%; Pred. No. 2.3e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 816
Db 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 1988
QY 817 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 862
Db 1989 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 2034
RESULT 12
US-09-847-101B-33
; Sequence 33, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 4242
; OTHER INFORMATION: N is any
; NAME/KEY: misc.feature
; LOCATION: 4245
; OTHER INFORMATION: N is any
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pDV69
US-09-847-101B-33
Query Match 11.1%; Score 104.4; DB 9; Length 7989;
Best Local Similarity 99.1%; Pred. No. 2.3e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 816
Db 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 1988
QY 817 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 862
Db 1989 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 2034
RESULT 13
US-09-482-682-47
; Sequence 47, Application US/09482682
; Publication No. US20030157688A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: HALLENBECK, PAUL
; APPLICANT: STEVENSON, SUSAN
; APPLICANT: SKRIPCHENKO, YELENA
; TITLE OF INVENTION: ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS,
; TITLE OF INVENTION: AND METHODS FOR PREPARATION AND USE
; FILE REFERENCE: 1294.0010001
; CURRENT APPLICATION NUMBER: US/09/482,682
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 7989
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid
US-09-482-682-47
Query Match 11.1%; Score 104.4; DB 10; Length 7989;
Best Local Similarity 99.1%; Pred. No. 2.3e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 757 TGTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 816
Db 1929 TCTAGGGCGCAGTAGTCCAGGGTTTCCTTGATGATGTCATATTCCTGCTCCCTTTT 1988
QY 817 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 862
Db 1989 TTCCACAGCTCGCGTTCGAGGCAAACTCTTCGCGGTCTTTCCAGT 2034
RESULT 14
US-09-847-101B-29
; Sequence 29, Application US/09847101B
; Publication No. US20020193327A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: FRIEDLANDER, MARTIN
; TITLE OF INVENTION: VECTORS FOR OCULAR TRANSDUCTION AND USE THEREFOR FOR GENETIC THER
; FILE REFERENCE: 22908-1226B
; CURRENT APPLICATION NUMBER: US/09/847,101B
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/562,934
; PRIOR FILING DATE: 2000-05-01
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 8383
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid pDV60
US-09-847-101B-29
Query Match 11.1%; Score 104.4; DB 9; Length 8383;
Best Local Similarity 99.1%; Pred. No. 2.4e-20;
Matches 105; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy	757	TGTAGGGCGCAGTAGTCCAGGGTTCTCTGATGATGTCATACATATCCTGTCCCTTTTT	816
Db	1907	TCFAGGGCGCAGTAGTCCAGGGTTCTCTGATGATGTCATACATATCCTGTCCCTTTTT	1966
Qy	817	TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGTCTTTCAGT	862
Db	1967	TTCCACAGCTCGCGGTTGAGGACAAACTCTTCGCGTCTTTCAGT	2012

RESULT 15

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US-09-482-682-43
; Sequence 43, Application US/09482682
; Publication NO. US2003015768A1
; GENERAL INFORMATION:
; APPLICANT: VON SEGGERN, DANIEL
; APPLICANT: NEMEROW, GLEN R.
; APPLICANT: HALLENBECK, PAUL
; APPLICANT: STEVENSON, SUSAN
; APPLICANT: SKRIPCHENKO, YELENA
; TITLE OF INVENTION: ADENOVIRUS VECTORS, PACKAGING CELL LINES, COMPOSITIONS,
; TITLE OF INVENTION: AND METHODS FOR PREPARATION AND USE
; FILE REFERENCE: 1294.0010001
; CURRENT APPLICATION NUMBER: US/09/482,682
; CURRENT FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 8383
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: plasmid
US-09-482-682-43

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	Query Match	11.1%	Score 104.4	DB 10	Length 8383
	Best Local Similarity	99.1%	Pred. No. 2.4e-20		
	Matches 105	Conservative 0	Mismatches 1	Indels 0	Gaps 0
QY	757	TGTAGGCGCGAGTAGTCACAGGGTTTCCTGATGATGTGCATACCTATCTGTCCTCTTTT	816		
Dh	1907	TCTAGGCGCGAGTAGTCACAGGGTTTCCTGATGATGTGCATACCTATCTGTCCTCTTTT	1966		

Search completed: April 9, 2004, 06:43:23
Job time : 1067.28 secs

Result No.	Query		DB	ID	Description
	Score	Match Length			
1	33.8	10.2	420	4	US-09-547-435-17
2	33.8	10.2	1441	4	US-09-547-435-13
3	33.8	10.2	2236	4	US-09-547-435-5
4	33.8	10.2	2604	4	US-09-547-435-23
5	33.8	10.2	2701	4	US-09-547-435-1
6	33.8	10.2	3384	4	US-09-547-435-29
C 7	31.8	9.6	1036	4	US-09-205-258-86
C 8	30.6	9.2	305	3	US-09-328-111-618
C 9	30.6	9.2	2885	4	US-09-016-434-1143
10	30.4	9.2	1549	2	US-08-856-444-11
11	30.2	9.1	340	4	US-09-833-381-1715
12	30.2	9.1	1794	4	US-09-620-312D-988
C 13	29.6	8.9	9299	3	US-08-458-434A-7
14	29.4	8.9	891	4	US-09-711-164-156
15	29.2	8.8	3111	2	US-09-014-969-12
C 16	29	8.7	204	4	US-09-506-729-37
C 17	29	8.7	455	4	US-09-621-976-2670
C 18	29	8.7	1883	1	US-08-702-056-2
C 19	29	8.7	1933	1	US-08-076-093A-1
C 20	29	8.7	1933	1	US-08-410-451-1
C 21	29	8.7	1933	1	US-08-410-455-1
C 22	29	8.7	1933	1	US-08-418-919-1
C 23	29	8.7	1933	1	US-08-410-453A-2
C 24	29	8.7	1933	1	US-08-701-265-1
C 25	29	8.7	1933	1	US-08-410-454A-2
C 26	29	8.7	1933	2	US-08-284-586-1
C 27	29	8.7	1933	2	US-08-410-456A-2
C 28	29	8.7	1933	2	US-08-410-456A-2
C 29	29	8.7	1933	2	US-08-410-456A-2
C 30	29	8.7	1933	2	US-08-410-456A-2
C 31	29	8.7	1933	2	US-08-410-456A-2
C 32	29	8.7	1933	2	US-08-410-456A-2
C 33	29	8.7	1933	2	US-08-410-456A-2
C 34	29	8.7	1933	2	US-08-410-456A-2
C 35	29	8.7	1933	2	US-08-410-456A-2
C 36	29	8.7	1933	2	US-08-410-456A-2
C 37	29	8.7	1933	2	US-08-410-456A-2
C 38	29	8.7	1933	2	US-08-410-456A-2
C 39	29	8.7	1933	2	US-08-410-456A-2
C 40	29	8.7	1933	2	US-08-410-456A-2
C 41	29	8.7	1933	2	US-08-410-456A-2
C 42	29	8.7	1933	2	US-08-410-456A-2
C 43	29	8.7	1933	2	US-08-410-456A-2
C 44	29	8.7	1933	2	US-08-410-456A-2
C 45	29	8.7	1933	2	US-08-410-456A-2
C 46	29	8.7	1933	2	US-08-410-456A-2
C 47	29	8.7	1933	2	US-08-410-456A-2
C 48	29	8.7	1933	2	US-08-410-456A-2
C 49	29	8.7	1933	2	US-08-410-456A-2
C 50	29	8.7	1933	2	US-08-410-456A-2
C 51	29	8.7	1933	2	US-08-410-456A-2
C 52	29	8.7	1933	2	US-08-410-456A-2
C 53	29	8.7	1933	2	US-08-410-456A-2
C 54	29	8.7	1933	2	US-08-410-456A-2
C 55	29	8.7	1933	2	US-08-410-456A-2
C 56	29	8.7	1933	2	US-08-410-456A-2
C 57	29	8.7	1933	2	US-08-410-456A-2
C 58	29	8.7	1933	2	US-08-410-456A-2
C 59	29	8.7	1933	2	US-08-410-456A-2
C 60	29	8.7	1933	2	US-08-410-456A-2
C 61	29	8.7	1933	2	US-08-410-456A-2
C 62	29	8.7	1933	2	US-08-410-456A-2
C 63	29	8.7	1933	2	US-08-410-456A-2
C 64	29	8.7	1933	2	US-08-410-456A-2
C 65	29	8.7	1933	2	US-08-

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; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 1441
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-13

Query Match      10.2%; Score 33.8; DB 4; Length 1441;
Best Local Similarity 53.4%; Pred. No. 0.12; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 129 CTCTGTCCTGCCAGCTGATGAGGGGAGGAAAGGATTAACCTAGGGGTATGGCGACCAA 188
Db 492 CTCTGCCAGCAGCTGCTGTCAACAGTGGGAGCATGACTTTGGGGCCTGGATGCCAA 551
QY 189 TCCTGAGTCCACCACTGACACGCGCCATCCCGAGCCTTGTGCTCCTACCTACCCCAACC 248
Db 552 TGCTCCATCATCCATGAGGAGCGCCCAACCCAGACCAAGGGGACCAACCCCTGAAGAC 611
QY 249 TCCAGAGGGAGC 261
Db 612 TTACCTAGACACC 624

RESULT 3
US-09-547-435-5
; Sequence 5, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2236
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-5

Query Match      10.2%; Score 33.8; DB 4; Length 2236;
Best Local Similarity 53.4%; Pred. No. 0.15;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 129 CTCTGTCCTGCCAGCTGATGAGGGGAGGAAAGGATTAACCTAGGGGTATGGCGACCAA 188
Db 1287 CTCTGCCAGCAGCTGCTGTCAACAGTGGGAGCATGACTTTGGGGCCTGGATGCCAA 1346
QY 189 TCCTGAGTCCACCACTGACACGCGCCATCCCGAGCCTTGTGCTCCTACCTACCCCAACC 248
Db 1347 TGCTCCATCATCCATGAGGAGCGCCCAACCCAGACCAAGGGGACCAACCCCTGAAGAC 1406
QY 249 TCCAGAGGGAGC 261
Db 1407 TTACCTAGACACC 1419

RESULT 4
US-09-547-435-23
; Sequence 23, Application US/09547435
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; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 2701
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-1

Query Match      10.2%; Score 33.8; DB 4; Length 2701;
Best Local Similarity 53.4%; Pred. No. 0.16;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 129 CTCTGTCCTGCCAGCTGATGAGGGGAGGAAAGGATTAACCTAGGGGTATGGCGACCAA 188
Db 1752 CTCTGCCAGCAGCTGCTGTCAACAGTGGGAGCATGACTTTGGGGCCTGGATGCCAA 1811
QY 189 TCCTGAGTCCACCACTGACACGCGCCATCCCGAGCCTTGTGCTCCTACCTACCCCAACC 248
Db 1812 TGCTCCATCATCCATGAGGAGCGCCCAACCCAGACCAAGGGGACCAACCCCTGAAGAC 1871
QY 249 TCCAGAGGGAGC 261

RESULT 5
US-09-547-435-1
; Sequence 1, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 2701
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-1

Query Match      10.2%; Score 33.8; DB 4; Length 2701;
Best Local Similarity 53.4%; Pred. No. 0.16;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 129 CTCTGTCCTGCCAGCTGATGAGGGGAGGAAAGGATTAACCTAGGGGTATGGCGACCAA 188
Db 1752 CTCTGCCAGCAGCTGCTGTCAACAGTGGGAGCATGACTTTGGGGCCTGGATGCCAA 1811
QY 189 TCCTGAGTCCACCACTGACACGCGCCATCCCGAGCCTTGTGCTCCTACCTACCCCAACC 248
Db 1812 TGCTCCATCATCCATGAGGAGCGCCCAACCCAGACCAAGGGGACCAACCCCTGAAGAC 1871
QY 249 TCCAGAGGGAGC 261
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DB      1872 TTACCTAGACACC 1884
RESULT 6
US-09-547-435-29
; Sequence 29, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipxygenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705 0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 3384
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-29
Query Match      10.2%; Score 33.8; DB 4; Length 3384;
Best Local Similarity 53.4%; Pred. No. 0.18;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;
QY      129 CTCTGTCCTGCCAGCTGATGAGGGGGAAGGAGGATTAACCTAGGGGTATGGCGACCAA 188
DB      2250 CTCTGCCAGCAGCTGCTGTCAACAGTGGCGAGCATGACTTTGGGGCCTGGATGCCCAA 2309
QY      189 TCGTGAATCCCACTGACCGCCATCCCGAGCTTGTGCCTCACTACCCCAACC 248
DB      2310 TGCTCCATCATCATGAGGAGCGCCGCCACCCAGACCAAGGGAGCACCCCTGAAGAC 2369
QY      249 TCCAGAGGGAGC 261
DB      2370 TTACCTAGACACC 2382
RESULT 7
US-09-205-258-86/c
; Sequence 86, Application US/09205258
; Patent No. 6525174
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: P2007P1
; CURRENT APPLICATION NUMBER: US/09/205,258
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: PCT/US98/11422
; EARLIER FILING DATE: 1998-06-04
; EARLIER APPLICATION NUMBER: 60/048,885
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,375
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,881
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,880
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,896
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,020
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,876
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,895
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,884
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,894
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,894
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,971
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,882
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,899
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,893
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,900
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,901
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,892
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,915
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,019
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,972
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,916
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,373
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,875
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,374
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,917
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,949
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,883
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,897
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,898
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,962
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,963
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,877
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,878
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/070,923
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1227
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 1036
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1020)
; OTHER INFORMATION: n equals a,t,g, or c
; FEATURE:
; NAME/KEY: SITE
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LOCATION: (1024)
OTHER INFORMATION: n equals a,t,g, or c
FEATURE:
NAME/KEY: SITE
LOCATION: (1032)
OTHER INFORMATION: n equals a,t,g, or c
US-09-205-258-86

Query Match 9.6%; Score 31.8; DB 4; Length 1036;
Best Local Similarity 52.7%; Pred. No. 0.48; Indels 0; Gaps 0;
Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 189 TCCTGAGTCCACCAACTGACCCAGCCGCTTGTGCTCAGCTACCCCAACC 248
DB 852 TCCTGAGTCTCCACGCGCCCTGCCAGCCCTTGTGCTCAGCTACCCCAAGC 793
QY 249 TCCGAGGAGCAGCTATTATAGGGAGCAGGAGTGCGAACAACAGAGCGGCTGG 308
DB 792 CAGGCGCTGGCCAGCAATGCAATGCTGGGGGTGGATCCAAAGAGAAGGCCAAGC 733
QY 309 GATACAACTCT 319
DB 732 CAACCTACCCCT 722

RESULT 8

US-09-328-111-618/c
Sequence 618; Application US/09328111
Patent No. 6262333

GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.

APPLICANT: Steinmann, Kathleen E.

APPLICANT: Astle, Jon H.

APPLICANT: Burgess, Christopher C.

APPLICANT: Bushnell, Steven E.

APPLICANT: Carroll III, Eddie

APPLICANT: Catino, Theodore J.

APPLICANT: Derti, Adnan

APPLICANT: Ford, Donna M.

APPLICANT: Lewis, Marcia E.

APPLICANT: Monahan, John E.

APPLICANT: Schlegel, Robert

TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION

FILE REFERENCE: CCD-257 (US)

CURRENT APPLICATION NUMBER: US/09/328,111

EARLIER FILING DATE: 1999-06-08

EARLIER APPLICATION NUMBER: US 60/088,801

NUMBER OF SEQ ID NOS: 850

SOFTWARE: Fast-Seq for Windows Version 3.0

SEQ ID NO 618

LENGTH: 305

TYPE: DNA

ORGANISM: Homo sapiens

US-09-328-111-618

Query Match 9.2%; Score 30.6; DB 3; Length 305;
Best Local Similarity 56.4%; Pred. No. 0.66; Indels 44; Gaps 0;
Matches 57; Conservative 0; Mismatches 44; Indels 44; Gaps 0;

QY 64 CGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATC 123
DB 217 CGCCAAATAACAGCATGGTGTGTAACTCCCGGAGTGGGGCTAGAAATCCCATG 158
QY 124 CTCACTCTCTCTGCGCAGCTGATGAGGGAAGGAAGGA 164
DB 157 GTGACCTGTGACCTGCTCCCTGAGACAGGGGAGCCAGGCA 117

RESULT 9

US-09-016-434-1143/c
Sequence 1143; Application US/09016434

Patent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016,434

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0002 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 1143:

SEQUENCE CHARACTERISTICS:

LENGTH: 2885 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GENBANK

CLONE: g1478280

US-09-016-434-1143

Query Match 9.2%; Score 30.6; DB 4; Length 2885;

Best Local Similarity 56.4%; Pred. No. 2.2; Indels 44; Gaps 0;

Matches 57; Conservative 0; Mismatches 44; Indels 44; Gaps 0;

QY 64 CGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATC 123
DB 2633 CGCCAAATAACAGCATGGTGTGTAACTCCCGGAGTGGGGCTAGAAATCCCATG 2574

QY 124 CTCACTCTCTCTGCGCAGCTGATGAGGGAAGGAAGGA 164

DB 2573 GTGACCTGTGACCTGCTCCCTGAGACAGGGGAGCCAGGCA 2533

RESULT 10

US-08-856-444-1

Sequence 1; Application US/08856444

Patent No. 5959081

GENERAL INFORMATION:

APPLICANT: Lecka-Czernik, Beata

TITLE OF INVENTION: No. 5959081el Zinc Binding LIM Protein S2-6

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.

STREET: 8011 Candle Lane

CITY: Houston

STATE: Texas

ZIP: 77071

COMPUTER READABLE FORM:

MEDIUM TYPE: 1.44 Mb floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/856,444
FILING DATE: May 14, 1997
CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Benjamin Aaron Adler, Ph.D.

REGISTRATION NUMBER: 35,423

REFERENCE/DOCKET NUMBER: D5988

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 777-2321

TELEFAX: (713) 777-6908

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1549 bp

TYPE: nucleic acid

STRANDEDNESS: single-stranded

TOPOLOGY: linear

MOLECULE TYPE:

DESCRIPTION: c-DNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

IMMEDIATE SOURCE:

POSITION IN GENOME:

FEATURE:

PUBLICATION INFORMATION:

US-08-856-444-1

Query Match 9.2%; Score 30.4; DB 2; Length 1549;

Best Local Similarity 57.3%; Pred. No. 1.8;

Matches 55; Conservative 0; Mismatches 41; Indels 0; Gaps 0;

QY 111 AGTTTCCCAATCTCAACTCTGCTCCAGCTGATGAGGGGAGGAAAGGATACCT 170

Db 530 AAGTGGCCCTCCCGGAGGCTGCTCCCAAGGAGGGGAGGAGCAGCAGGAAAGCC 589

QY 171 AGGGGATGGCGGACCAATCCTGAGTCCCAACTG 206

Db 590 AGAGGGGGCAGACCACTCTCTTACTACCAACCGG 625

RESULT 11

US-09-833-381-1715

; Sequence 1715, Application US/09833381

; Patent No. 6672186

; GENERAL INFORMATION:

; APPLICANT: Robison, Keith E.

; TITLE OF INVENTION: No. 6672186el Nucleic Acid and Protein Homologs

; FILE REFERENCE: 5800-119

; CURRENT APPLICATION NUMBER: US/09/833,381

; CURRENT FILING DATE: 2001-04-11

; PRIOR APPLICATION NUMBER: 09/516,448

; PRIOR FILING DATE: 2000-02-29

; NUMBER OF SEQ ID NOS: 2050

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 1715

; LENGTH: 340

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-833-381-1715

Query Match

Best Local Similarity 9.1%; Score 30.2; DB 4; Length 340;

Matches 47; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 132 TGCTCTGCCAGCTGATGAGGGGAGGAAAGGAGTACCTAGGGGTATGGGCGACCAATCC 191

Db 72 TGCTTGCCCAAGGAGGAGGGGAGGAGCAGCAGGAAAGCCAGAGGGGGGCGAGAGCACTGC 131

QY 192 TGAGTCCCAACTG 206

Db 132 TGCTACCAACCGG 146

RESULT 12

US-09-620-312D-988

; Sequence 988, Application US/09620312D

; Patent No. 6569662

; GENERAL INFORMATION:

; APPLICANT: Tang, Y. Tom

; APPLICANT: Liu, Chenghua

; APPLICANT: Asundi, Vinod

; APPLICANT: Zhang, Jie

; APPLICANT: Ren, Feiyan

; APPLICANT: Chen, Rui-hong

; APPLICANT: Zhao, Qing A.

; APPLICANT: Wehrman, Tom

; APPLICANT: Xue, Aidong J.

; APPLICANT: Yang, Yonghong

; APPLICANT: Wang, Jian-Rui

; APPLICANT: Zhou, Ping

; APPLICANT: Ma, Yunging

; APPLICANT: Wang, Dunrui

; APPLICANT: Wang, Zhiwei

; APPLICANT: John Tillinghast

; APPLICANT: Drmanac, Radoje T.

; TITLE OF INVENTION: No. 6569662el Nucleic Acids and

; FILE REFERENCE: Polypeptides

; FILE REFERENCE: 784CIP2B

; CURRENT APPLICATION NUMBER: US/09/620,312D

; CURRENT FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: 09/552,317

; PRIOR FILING DATE: 2000-04-25

; PRIOR APPLICATION NUMBER: 09/488,725

; PRIOR FILING DATE: 2000-01-21

; NUMBER OF SEQ ID NOS: 1105

; SOFTWARE: pt FL_genes Version 1.0

; SEQ ID NO 988

; LENGTH: 1794

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (164)..(1261)

US-09-620-312D-988

Query Match

Best Local Similarity 9.1%; Score 30.2; DB 4; Length 1794;

Matches 47; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 132 TGCTCTGCCAGCTGATGAGGGGAGGAAAGGAGTACCTAGGGGTATGGGCGACCAATCC 191

Db 778 TGCTTGCCCAAGGAGGAGGGGAGGAGCAGCAGGAAAGCCAGAGGGGGGCGAGAGCACTGC 837

QY 192 TGAGTCCCAACTG 206

Db 838 TGCTACCAACCGG 852

RESULT 13

US-08-458-434A-7/c

; Sequence 7, Application US/08458434A

; Patent No. 6083690

; GENERAL INFORMATION:

; APPLICANT: Harris Ph.D., Stephen E.

; APPLICANT: Mundy M.D., Gregory R.

; APPLICANT: Gosh-Choudhury Ph.D., Nandini

; APPLICANT: Feng Ph.D., Jian Q.

Fri Apr 9 06:51:35 2004

us-09-808-388-6.rni

Page 7

Search completed: April 9, 2004, 01:27:48
Job time : 58.4069 secs

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OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 374.655 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-6

Perfect score: 332

Sequence: 1 gtaccaattgcacaaacta.....caactctggagctcttgag 332

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Gapop 10.0 , Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
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- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	332	100.0	332	9	US-09-808-388-6
2	271	81.6	271	9	US-09-808-388-5
3	213	64.2	1080	10	US-09-865-866-17
4	165	49.7	6083	12	US-10-221-714A-440
5	150.2	45.2	6083	12	US-10-221-714A-439
6	118.8	35.8	967	14	US-10-210-120-75
7	84.4	25.4	3330	9	US-09-917-800A-1495
8	84.4	25.4	3330	15	US-10-191-803B-398
9	80.8	24.3	1076	9	US-09-925-300-70
10	50	15.1	735	9	US-09-981-353-17
11	49.6	14.9	4990	10	US-09-865-866-97
12	41	12.3	41	9	US-09-808-388-3
13	34.2	10.3	371	14	US-10-387-495-8
14	34.2	10.3	742	15	US-10-027-632-151276
15	33.8	10.2	420	14	US-10-422-264-17

16	33.8	10.2	1441	14	US-10-422-264-13	Sequence 13, Appli
17	33.8	10.2	2136	9	US-09-862-658-3	Sequence 3, Appli
18	33.8	10.2	2136	14	US-10-175-696-24	Sequence 24, Appli
19	33.8	10.2	2236	14	US-10-422-264-5	Sequence 5, Appli
20	33.8	10.2	2307	12	US-10-302-172-803	Sequence 803, App
21	33.8	10.2	2604	14	US-10-422-264-23	Sequence 23, Appli
22	33.8	10.2	2701	14	US-10-422-264-1	Sequence 1, Appli
23	33.8	10.2	3320	9	US-09-862-658-1	Sequence 1, Appli
24	33.8	10.2	3320	14	US-10-175-696-22	Sequence 22, Appli
25	33.8	10.2	3384	14	US-10-422-264-29	Sequence 29, Appli
26	33.2	10.0	2835	15	US-10-104-047-1501	Sequence 1501, Ap
27	32.4	9.8	819	15	US-10-027-632-130312	Sequence 130312,
28	32.4	9.8	94529	15	US-10-034-650-52	Sequence 52, Appli
29	32.2	9.7	573	15	US-10-027-632-50048	Sequence 50048, A
30	32.2	9.7	573	15	US-10-027-632-50049	Sequence 50049, A
31	32.2	9.7	573	15	US-10-027-632-69880	Sequence 69880, A
32	32.2	9.7	573	15	US-10-027-632-69881	Sequence 69881, A
33	32.2	9.7	573	15	US-10-027-632-70565	Sequence 70565, A
34	32.2	9.7	573	15	US-10-027-632-70566	Sequence 70566, A
35	32	9.6	412	10	US-09-918-995-6087	Sequence 6087, Ap
36	32	9.6	3236	15	US-10-108-260A-1225	Sequence 1225, Ap
37	31.8	9.6	1036	10	US-09-933-767-86	Sequence 86, Appli
38	31.8	9.6	1036	14	US-10-023-282-86	Sequence 86, Appli
39	31.6	9.5	466	10	US-09-918-995-32175	Sequence 32175, A
40	31.6	9.5	2849	10	US-09-814-353-20064	Sequence 20064, A
41	31.4	9.5	771	14	US-10-010-920-4	Sequence 4, Appli
42	31.4	9.5	771	14	US-10-010-920-5	Sequence 5, Appli
43	31.4	9.5	771	14	US-10-008-721-4	Sequence 4, Appli
44	31.4	9.5	771	14	US-10-008-721-5	Sequence 5, Appli
45	31.4	9.5	955	14	US-10-010-920-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1

US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPPE/PLA2s hybrid promoter
US-09-808-388-6

Query Match 100.0%; Score 332; DB 9; Length 332;

Best Local Similarity 100.0%; Pred. No. 4.38-106; Indels 0; Gaps 0;

Matches 332; Conservative 0; Mismatches 0;

QY 1 GTACCAATTGCACAAACTAGGTCAAGGTCAATCAAACTAGGTCAAAAGGTCAAAATTCGA 60

Db 1 GTACCAATTGCACAAACTAGGTCAAGGTCAATCAAACTAGGTCAAAAGGTCAAAATTCGA 60

QY 61 ACGCGCAAACTGCCTGAAATGTGTTTGGCATCAGCTACTGACACGTAAGTTTCCCA 120

Db 61 ACAGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCA 120
Qy 121 ATCTCAACTCTCTCTGTCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGGTATGG 180
Db 121 ATCTCAACTCTCTCTGTCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGGTATGG 180
Qy 181 GCACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCACTAC 240
Db 181 GCACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCACTAC 240
Qy 241 CCCCACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAAACAAAGAC 300
Db 241 CCCCACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAAACAAAGAC 300
Qy 301 GGCTGGGGATACAACTCTGGAGTCTCTGAG 332
Db 301 GGCTGGGGATACAACTCTGGAGTCTCTGAG 332

RESULT 2

US-09-808-388-5
; Sequence 5, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 271
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fragment of the PLA2s promoter
US-09-808-388-5

Query Match 81.6%; Score 271; DB 9; Length 271;
Best Local Similarity 100.0%; Pred. No. 1.le-84;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 62 CGCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCAA 121
Db 1 CGCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCAA 60
Qy 122 TCCTCAACTCTGCTGTCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGGTATGG 181
Db 61 TCCTCAACTCTGCTGTCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGGTATGG 120
Qy 182 CGACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCACTACC 241
Db 121 CGACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCACTACC 180
Qy 242 CCCAACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAAACAAAGAC 301
Db 181 CCCAACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAAACAAAGAC 240
Qy 302 GCCTGGGGATACAACTCTGGAGTCTCTGAG 332
Db 241 GCCTGGGGATACAACTCTGGAGTCTCTGAG 271

RESULT 3

US-09-865-866-17
; Sequence 17, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) 1
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 17
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-865-866-17

Query Match 64.2%; Score 213; DB 10; Length 1080;
Best Local Similarity 93.1%; Pred. No. 4.7e-64;
Matches 256; Conservative 0; Mismatches 15; Indels 4; Gaps 3;
Qy 61 ACAGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGG-TTTCCT 119
Db 762 ACTCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCC 821
Qy 120 AATCTCAACTCTGCTCG--CCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGTA 177
Db 822 AATCTCAACTCTGCTCGCCAGGCTGATGAGGGGAAGAAAGGATTAACCTAGGGTA 881
Qy 178 TGGGCGCAAACTCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCAAC 237
Db 882 TGGGCGCAAACTCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGCTCAAC 941
Qy 238 TACCCCAACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAACAA 297
Db 942 TACCCCAACTCTCCAGAGGAGCAGCTATTAAAGGGAGCAGAGTGCAGAACAA 1000
Qy 298 GACGGCTGGGGATACAACTCTGGAGTCTCTGAG 332
Db 1001 GACGGCTGGGGATACAACTCTGGAGTCTCTGAG 1035

RESULT 4

US-10-221-714A-440/C
; Sequence 440, Application US/10221714A
; Publication No. US20040048254A1
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENBROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with
; TITLE OF INVENTION: tumor suppressor genes and oncogenes
; FILE REFERENCE: 5013.1005
; CURRENT APPLICATION NUMBER: US/10/221,714A
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: PCT/EP01/02955
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: DE 10013847.0
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: DE 10019058.8
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 540
; SEQ ID NO 440
; LENGTH: 6083

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-440

Query Match      49.7%; Score 165; DB 12; Length 6083;
Best Local Similarity 74.7%; Pred. No. 7.3e-47;
Matches 207; Conservative 0; Mismatches 70; Indels 0; Gaps 0;

QY 55 ARTCGACGGGCAAACTGCCTGTAATGTGTTGGCATCAGCTACTGACAGCTAAGGT 114
DB 1336 ATAAAAAACTACAAAACCTACCTAAATATATTTTAACTACACTACTAACACGTAATAAT 1277
QY 115 TTCCCAATCCTCAACTCTGTCTGCGCAGCTGATGAGGGGAAGCAAGGAGTACCTAGGG 174
DB 1276 TTCCCAATCCTCAACTCTGTCTGCGCAGCTGATGAGGGGAAGCAAGGAGTACCTAGGG 174
QY 175 GTATGGGCAACCAATCCTGAGTCCACCACTGACACGCGCCATCCCGACCTTTGTGCTTC 234
DB 1216 ATATAAAGCAACCAATCCTAAATCCCACTAACCAAGCGCCATCCCGCAACTTATACCTC 1157
QY 235 ACCTACCCCAACCTCCGAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAA 294
DB 1156 ACTTACCCCAACCTCCCGAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAA 1097
QY 295 CAAGACGGCTGGGGATACAACTCTGGAGTCTCTGA 331
DB 1096 CAAGACGCTTAAATACTAAATCTTAAATCTCTAA 1060

RESULT 5
US-10-221-714A-439
; Sequence 439, Application US/10221714A
; Publication No. US20040048254A1
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENBROCK, Christian
; TITLE OF INVENTION: Diagnosis of Diseases Associated with
; FILE REFERENCE: 5013.1005
; CURRENT APPLICATION NUMBER: US/10/221,714A
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: PCT/EP01/02955
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: DE 10013847.0
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: DE 10019058.8
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 540
; SEQ ID NO 439
; LENGTH: 6083
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-439

Query Match      45.2%; Score 150.2; DB 12; Length 6083;
Best Local Similarity 72.7%; Pred. No. 1.2e-41;
Matches 194; Conservative 0; Mismatches 73; Indels 0; Gaps 0;

QY 66 GCAAACTGCTGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATCCT 125
DB 4759 GTAAAAATGTTGAAATGTGTTGGTATTAGTATTGATACGTAAGGTTTAAATTTT 4818

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-210-120-75

Query Match      35.8%; Score 118.8; DB 14; Length 967;
Best Local Similarity 83.3%; Pred. No. 5.6e-31;
Matches 135; Conservative 0; Mismatches 27; Indels 0; Gaps 0;

QY 171 AGGGGTATGGGCGACCAATCCTGAGTCCACCACTGACCAACGCCATCCCGAGCTTTGTG 230
DB 3 AGGAAAAAGAGCAACAGATCCAGGGAGCATTCACCTGCCCTGTCTCCAAACAGCTTTGTG 62
QY 231 CCTCACCTACCCCCAACCTCCAGAGGGAGCAGCTATTTTAAAGGGAGCAGGAGTGCAGAA 290
DB 63 CCTCACCTACCCCCAACCTCCAGAGGGAGCAGCTATTTTAAAGGGAGCAGGAGTGCAGAA 122
QY 291 CAACAAGACGGCCTGGGGATACAACTCTGGAGTCTCTGAG 332
DB 123 CAACAAGACGGCCTGGGGATACAACTCTGGAGTCTCTGAG 164

RESULT 7
US-09-917-800A-1495
; Sequence 1495, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A
; CURRENT FILING DATE: 2001-07-31
```

; PRIOR APPLICATION NUMBER: US 60/222,040
 ; PRIOR FILING DATE: 2000-07-31
 ; PRIOR APPLICATION NUMBER: US 60/222,880
 ; PRIOR FILING DATE: 2000-11-02
 ; PRIOR APPLICATION NUMBER: US 60/290,029
 ; PRIOR FILING DATE: 2001-05-11
 ; PRIOR APPLICATION NUMBER: US 60/290,645
 ; PRIOR FILING DATE: 2001-05-15
 ; PRIOR APPLICATION NUMBER: US 60/292,336
 ; PRIOR FILING DATE: 2001-05-22
 ; PRIOR APPLICATION NUMBER: US 60/295,798
 ; PRIOR FILING DATE: 2001-06-06
 ; PRIOR APPLICATION NUMBER: US 60/297,457
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/298,884
 ; PRIOR FILING DATE: 2001-06-19
 ; PRIOR APPLICATION NUMBER: US 60/303,459
 ; PRIOR FILING DATE: 2001-07-09
 ; NUMBER OF SEQ ID NOS: 1740
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 1495
 ; LENGTH: 3330
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; OTHER INFORMATION: Genbank Accession No. US20020119462A1 X51529
 US-09-917-800A-1495

Query Match 25.4%; Score 84.4; DB 9; Length 3330;
 Best Local Similarity 64.9%; Pred. No. 1.2e-18;
 Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;
 QY 67 CAAACTGCGCTGAATCTGTTTGGCATCAGCTACTCAGCAGTAAGGTTTCCCAATCCTC 126
 Db 260 CGAATCAGCTAAAGTTTATGATGGCCACAAACCCATGTTAGGGGCTTTTCGGCCCTC 319
 QY 127 AACTCTCTCTGCCAGCTGATGAGGGGAAGGAGGATTACCTAGGGGTATGG--CGA 184
 Db 320 AAGGCTGTCTGCCAGCTGTGGGGGAAAGGGGAAATTTACCCAGGGCGTTGGGTATGC 379
 QY 185 CCAATCTCTGAGTCACCACTGACACGCCCA--TCCCAGCCTTGTGCTCAGCTACCC 242
 Db 380 CCGTCTGTGAATCATTTATGATGGCCACACCCACCTCCCATCCCTGCTCCGATCC 439
 QY 243 CCACTCTCCAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAAACAAGACGG 302
 Db 440 CCAGCCCTGCAGAGGAGAGCTATTTAAGAGAGCTATTTAAGAGCATTTGGAGTACAGGAAACAAGGCAG 499
 QY 303 CC 304
 Db 500 GC 501

RESULT 8
 US-10-191-803-398
 ; Sequence 398, Application US/10191803
 ; Publication No. US2004001404A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MENDECK, Donna
 ; APPLICANT: PORTER, Mark
 ; APPLICANT: JOHNSON, Kory
 ; APPLICANT: HIGGS, Brandon
 ; APPLICANT: CASTLE, Arthur
 ; APPLICANT: ELASHOFF, Michael
 ; TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
 ; FILE REFERENCE: 44921-5090US
 ; CURRENT APPLICATION NUMBER: US/10/191,803
 ; CURRENT FILING DATE: 2002-07-10
 ; PRIOR APPLICATION NUMBER: US 60/303,819
 ; PRIOR FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: US 60/305,623
 ; PRIOR FILING DATE: 2001-07-17
 ; PRIOR APPLICATION NUMBER: US 60/369,351

; PRIOR FILING DATE: 2002-04-03
 ; PRIOR APPLICATION NUMBER: US 60/377,611
 ; PRIOR FILING DATE: 2002-05-06
 ; NUMBER OF SEQ ID NOS: 1140
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 398
 ; LENGTH: 3330
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; OTHER INFORMATION: Genbank Accession No. US2004001404A1 X51529
 US-10-191-803-398

Query Match 25.4%; Score 84.4; DB 15; Length 3330;
 Best Local Similarity 64.9%; Pred. No. 1.2e-18;
 Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;
 QY 67 CAAACTGCGCTGAATCTGTTTGGCATCAGCTACTCAGCAGTAAGGTTTCCCAATCCTC 126
 Db 260 CGAATCAGCTAAAGTTTATGATGGCCACAAACCCATGTTAGGGGCTTTTCGGCCCTC 319
 QY 127 AACTCTCTCTGCCAGCTGATGAGGGGAAGGAGGATTACCTAGGGGTATGG--CGA 184
 Db 320 AAGGCTGTCTGCCAGCTGTGGGGGAAAGGGGAAATTTACCCAGGGCGTTGGGTATGC 379
 QY 185 CCAATCTCTGAGTCACCACTGACACGCCCA--TCCCAGCCTTGTGCTCAGCTACCC 242
 Db 380 CCGTCTGTGAATCATTTATGATGGCCACACCCACCTCCCATCCCTGCTCCGATCC 439
 QY 243 CCACTCTCCAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAAACAAGACGG 302
 Db 440 CCAGCCCTGCAGAGGAGAGCTATTTAAGAGAGCTATTTAAGAGCATTTGGAGTACAGGAAACAAGGCAG 499
 QY 303 CC 304
 Db 500 GC 501

RESULT 9
 US-09-925-300-70
 ; Sequence 70, Application US/09925300
 ; Patent No. US2002015168A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Craig Rosen,
 ; APPLICANT: Steve Ruben
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA101
 ; CURRENT APPLICATION NUMBER: US/09/925,300
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05988
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1890
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 70
 ; LENGTH: 1076
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (911)
 ; OTHER INFORMATION: n equals a.t.g, or c
 US-09-925-300-70

Query Match 24.3%; Score 80.8; DB 9; Length 1076;
 Best Local Similarity 95.3%; Pred. No. 1.3e-17;
 Matches 82; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
 QY 247 CCTCCAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAAACAAGACGGCCTG 306
 Db 2 CCAACAGAGGAGCAGCTATTTAAGGGAGCAGGAGTGCAGACAAACAAGACGGCCTG 61

QY 307 GGGATACAACTCTGGAGTCTCTGAG 332
 Db 62 GGGATACAACTCTGGAGTCTCTGAG 87

RESULT 10
 US-09-981-353-17
 ; Sequence 17, Application US/09981353
 ; Patent No. US20020160382A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lasek, Amy W.
 ; APPLICANT: Jones, David A.
 ; TITLE OF INVENTION: GENES EXPRESSED IN COLON CANCER
 ; FILE REFERENCE: PA-0038 US
 ; CURRENT APPLICATION NUMBER: US/09/981,353
 ; CURRENT FILING DATE: 2001-10-11
 ; NUMBER OF SEQ ID NOS: 194
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 17
 ; LENGTH: 735
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Incyte ID No. US20020160382A1 474322.36
 ; NAME/KEY: unsure
 ; LOCATION: 388
 ; OTHER INFORMATION: a, t, c, g, or other
 US-09-981-353-17

Query Match 15.1%; Score 50; DB 9; Length 735;
 Best Local Similarity 100.0%; Pred. No. 7.4e-07;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 283 GTCCAGACAAACAGACGCCCTGGGATACAACTCTGGAGTCTCTGAG 332
 Db 1 GTCCAGACAAACAGACGCCCTGGGATACAACTCTGGAGTCTCTGAG 50

RESULT 11
 US-09-865-866-97
 ; Sequence 97, Application US/09865866
 ; Publication No. US20030045487A1
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Jacqueline Wyatt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
 ; FILE REFERENCE: RTS-0221
 ; CURRENT APPLICATION NUMBER: US/09/865,866
 ; CURRENT FILING DATE: 2001-05-25
 ; NUMBER OF SEQ ID NOS: 173
 ; SEQ ID NO 97
 ; LENGTH: 4990
 ; TYPE: DNA
 ; ORGANISM: Mus musculus
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (2026)...(2068)
 ; NAME/KEY: CDS
 ; LOCATION: (2245)...(2389)
 ; NAME/KEY: CDS
 ; LOCATION: (2622)...(2731)
 ; NAME/KEY: CDS
 ; LOCATION: (4098)...(4240)
 US-09-865-866-97

Query Match 14.9%; Score 49.6; DB 10; Length 4990;
 Best Local Similarity 59.4%; Pred. No. 2.4e-06;
 Matches 139; Conservative 0; Mismatches 64; Indels 31; Gaps 2;

QY 67 CAAAACTGCTGAAATGTTTGGCATCAGTACTGACACGTAAGTTCCTCAATCCTC 126
 Db 1016 CAAATCAGCTGAAATTTATGATGGCGGCCCTTGGTATGAAGGCTTTCCAGGCCCTC 1075

QY 127 AACTCTCTCCAGCTGATGAGGGAGGAAAGGATTACTAGGGGTATGGCGGACC 186
 Db 1076 AGGGCTGCCCTCCAGCTGTTGGGGAACAAAGGGCATTTGGTATGC-----CC 1125

QY 187 AATCTGAGTCCACCAACTGACCGCCCATCCCGAGCCCTTGTGCTCACCCTACCCCAA 246
 Db 1126 ATCCGTGAATCCACTATTGACCAACCCACCT-----CCCCAT 1164

QY 247 COTCCAGAGGAGCAGCTATTATAGGGGAGCAGGAGTGCAGAACAAACAGAC 300
 Db 1165 CCTGCAGAGGAGAGAGCTATTATAGGGGAGTGGAAATTCAGGAAAAACAAGAC 1218

RESULT 12
 US-09-808-388-3
 ; Sequence 3, Application US/09808388
 ; Patent No. US20020081719A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Massaad, Charbel
 ; APPLICANT: Berenbaum, Francis
 ; APPLICANT: Olivier, Jean-Luc
 ; APPLICANT: Salvat, Colette
 ; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising then
 ; TITLE OF INVENTION: their uses
 ; FILE REFERENCE: ST00010
 ; CURRENT APPLICATION NUMBER: US/09/808,388
 ; CURRENT FILING DATE: 2001-09-20
 ; PRIOR APPLICATION NUMBER: FR/00/03262
 ; PRIOR FILING DATE: 2000-03-14
 ; PRIOR APPLICATION NUMBER: US 60/196,959
 ; PRIOR FILING DATE: 2000-04-13
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 3
 ; LENGTH: 41
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PPRE element
 US-09-808-388-3

Query Match 12.3%; Score 41; DB 9; Length 41;
 Best Local Similarity 100.0%; Pred. No. 0.00031;
 Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 CAAAACTAGTCAAAAGGTCAATCAAACTAGGTCAAAAGGTCA 53
 Db 1 CAAAACTAGTCAAAAGGTCAATCAAACTAGGTCAAAAGGTCA 41

RESULT 13
 US-10-387-495-8/c
 ; Sequence 8, Application US/10387495
 ; Publication No. US20030162956A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ni et al.
 ; TITLE OF INVENTION: Leukocyte Regulatory Factors 1 and 2
 ; FILE REFERENCE: PF359C1
 ; CURRENT APPLICATION NUMBER: US/10/387,495
 ; CURRENT FILING DATE: 2003-03-14
 ; PRIOR APPLICATION NUMBER: US/09/603,735A
 ; PRIOR FILING DATE: 2000-06-23
 ; PRIOR APPLICATION NUMBER: 09/055,998
 ; PRIOR FILING DATE: 1998-04-07
 ; PRIOR APPLICATION NUMBER: 60/043,483
 ; PRIOR FILING DATE: 1997-04-07
 ; NUMBER OF SEQ ID NOS: 24
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 8
 ; LENGTH: 371
 ; TYPE: DNA

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; ORGANISM: Homo sapiens
US-10-387-495-8
Query Match      10.3%; Score 34.2; DB 14; Length 371;
Best Local Similarity 51.7%; Pred. No. 0.2; Indels 0; Gaps 0;
Matches 78; Conservative 0; Mismatches 73;
QY 84 TGTGTTGGCATCAGCTACTGACAGCTAAGGTTTCCCAATCCTCAACTCTGTCTCTGCAGC 143
Db 238 TGTGTGGGCAACAGCCCGCAGGCTAGGCGAGTGAGTCTCCTCAAAATCCTCCCAACCCC 179
QY 144 TGATGAGGGAGGAAGAGGTTACCTAGGGGTATGGCGACCAATCCTGAGTCCACAA 203
Db 178 AGGACTCAGGAGGGAGGAGGAGAGGTGTGGCCCGTGTGCAGTCTCTCAGGCGGCTC 119
QY 204 CTGACCAGCCCATCCCGAGCCTTGTGCTC 234
Db 118 CTGAGCTCGAGCCACCAAGGCTTGTGCTC 88

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RESULT 14
US-10-627-632-151276/c
; Sequence 151276, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827,129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 151276
; LENGTH: 742
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-151276

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```

Query Match      10.3%; Score 34.2; DB 15; Length 742;
Best Local Similarity 53.3%; Pred. No. 0.26; Indels 0; Gaps 0;
Matches 72; Conservative 0; Mismatches 63;
QY 117 CCCAATCCTCAACTCTGTCTGCCAGCTGATGAGGGGAAGGAAGGATTACCTAGGGGT 176
Db 489 CCCAAACCAAGGAAGGCTTAACAGTTGCTGAGCAGGAGGAGAGTCTCTCATAGGCG 430
QY 177 ATGGCGGACCAATCTCTGAGTCCACCACTGACCGCCCTCCCGAGCCTTGTGCTCAC 236
Db 429 GTGGGCCCATCGTCTCTAGTCCCAAGCAAGGAGGATCATGGCTCTCCCAAGCCACA 370
QY 237 CTACCCCAACCTCC 251
Db 369 GCATCTCAACCCCC 355

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RESULT 15
US-10-422-264-17
; Sequence 17, Application US/10422264

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; Publication No. US20030172391A1
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. US20030172391A1 Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/10/422,264
; CURRENT FILING DATE: 2003-04-23
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 420
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-422-264-17

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Query Match      10.2%; Score 33.8; DB 14; Length 420;
Best Local Similarity 53.4%; Pred. No. 0.29; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62;
QY 129 CTCTGTCTCTCCAGCTGATGAGGGGAAGGAAGGATTACCTAGGGGTATGGGGACCA 188
Db 36 CTCTGCCAGCAGCTGCTCTCAACAGTGGGCGAGCATGACTTTGGGGCCTGGATGCCAA 95
QY 189 TCCTGAGTCCCAACTGACACGCGCCATCCCGAGCCTTGTGCTTACCTACCCCAACC 248
Db 96 TGTTCATCATCATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 155
QY 249 TCCGAGAGGAGC 261
Db 156 TTACTAGACACC 168

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Search completed: April 9, 2004, 06:43:21
Job time : 374.655 secs

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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 29.3951 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-5_COPY1_170

Perfect score: 170
Sequence: 1 cgcggcaaaactgctgaaa.....gccatccccagctgtgctgc 170

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 2: /cgn2_6/prodata/2/ina/5B COMB.seq:*
- 3: /cgn2_6/prodata/2/ina/6A COMB.seq:*
- 4: /cgn2_6/prodata/2/ina/6B COMB.seq:*
- 5: /cgn2_6/prodata/2/ina/PTUS COMB.seq:*
- 6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	30.6	18.0	305	3	US-09-328-111-618
C 2	30.6	18.0	2895	4	US-09-016-434-1143
C 3	30.4	17.9	1549	2	US-08-856-444-1
C 4	30.2	17.8	340	4	US-09-833-381-1715
C 5	30.2	17.8	1794	4	US-09-620-312D-988
C 6	30.2	17.6	420	4	US-09-547-435-17
C 7	30.2	17.6	1441	4	US-09-547-435-13
C 8	30.2	17.6	2236	4	US-09-547-435-5
C 9	30.2	17.6	2604	4	US-09-547-435-23
C 10	30.2	17.6	2701	4	US-09-547-435-1
C 11	30.2	17.6	3384	4	US-09-547-435-29
C 12	29.2	17.2	3111	2	US-09-014-969-12
C 13	29.2	17.1	204	4	US-09-506-729-37
C 14	29.2	17.1	1883	1	US-08-202-056-2
C 15	29.2	17.1	1933	1	US-08-076-093A-1
C 16	29.2	17.1	1933	1	US-08-410-451-1
C 17	29.2	17.1	1933	1	US-08-410-455-1
C 18	29.2	17.1	1933	1	US-08-418-919-1
C 19	29.2	17.1	1933	1	US-08-410-453A-2
C 20	29.2	17.1	1933	1	US-08-701-265-1
C 21	29.2	17.1	1933	1	US-08-410-454A-2
C 22	29.2	17.1	1933	2	US-08-284-586-1
C 23	29.2	17.1	1933	2	US-08-410-456A-2
C 24	29.2	17.1	1933	2	US-08-805-478-1
C 25	29.2	17.1	1933	2	US-08-802-627A-1
C 26	29.2	17.1	1933	2	US-08-801-238-1
C 27	29.2	17.1	1933	2	US-08-801-228-1

Sequence 1, Appli
Sequence 1134, Ap
Sequence 1, Appli
Sequence 156, App
Sequence 1, Appli
Sequence 17202, A
Sequence 3937, Ap
Sequence 918, App
Sequence 918, App
Sequence 918, App
Sequence 918, App
Sequence 182, App
Sequence 182, App
Sequence 182, App
Sequence 1, Appli
Sequence 218, App
Sequence 218, App
Sequence 30, Appli

US-09-328-111-618/c
; Sequence 618, Application US/09328111
; Patent No. 6262333
; GENERAL INFORMATION:
; APPLICANT: Endege, Wilson O.
; APPLICANT: Steinmann, Kathleen E.
; APPLICANT: Astle, Jon H.
; APPLICANT: Burgess, Christopher C.
; APPLICANT: Bushnell, Steven E.
; APPLICANT: Carroll III, Eddie
; APPLICANT: Catino, Theodore J.
; APPLICANT: Derti, Adnan
; APPLICANT: Ford, Donna M.
; APPLICANT: Lewis, Margia E.
; APPLICANT: Monahan, John E.
; APPLICANT: Schlegel, Robert
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: CCD-257 (US)
; CURRENT APPLICATION NUMBER: US/09/328,111
; CURRENT FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: US 60/088,801
; EARLIER FILING DATE: 1998-06-10
; NUMBER OF SEQ ID NOS: 850
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 618
; LENGTH: 305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-328-111-618

ALIGNMENTS

RESULT 1

Query Match 18.0%; Score 30.6; DB 3; Length 305;
Best Local Similarity 56.4%; Pred. No. 0.18;
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 3 CGGCAAACTGCTGAATGCTTTTGGCATCTACTGACACGTAAAGTTTCCCAATC 62
DB 217 CGCCAAAATAACACGACATGTTTGTAAATATCCCCAGTGGGGCTAGAAATCCCCCAG 158
QY 63 CTCMACTCTGCTGCCAGCTGATGAGGGAAGAAAGGA 103
DB 157 GTGACCTGTGACTGCTCTCCCTGAGACAGGGAGGCCAGCA 117

RESULT 2

US-09-016-434-1143/c
; Sequence 1143, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:

APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434

FILING DATE: HEREMITH
CLASSIFICATION:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 1143:
SEQUENCE CHARACTERISTICS:
LENGTH: 2885 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: 91478280

US-09-016-434-1143

Query Match 18.0%; Score 30.6; DB 4; Length 2885;
Best Local Similarity 56.4%; Pred. No. 0.5;
Matches 57; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 3 CGGCAAACTGCGCTGGAATGTGTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATC 62

Db 2633 CGCMAAATAACACGACATGGTGTGAACATCCCCCAGTGGGGGCTAGAAATCCCCCATG 2574

QY 63 CTCAACTCTCTCCGAGCTGATGAGGGGAGGAGGGA 103

Db 2573 GTGACCTGTGACCTGCTCCCTGAGACAGGGGGAGCCAGGCA 2533

RESULT 3
US-08-856-444-1
Sequence 1, Application US/08856444
Patent No. 5959081

GENERAL INFORMATION:
APPLICANT: Lecka-Czernik, Beata
TITLE OF INVENTION: No. 5959081el Zinc Binding LIM Protein S2-6

NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.
STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
ZIP: 77071

COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 Mb floppy disk
COMPUTER: Apple Macintosh

OPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word for Macintosh

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,444

FILING DATE: May 14, 1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Benjamin Aaron Adler, Ph.D.

REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5988

TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 777-2321
TELEFAX: (713) 777-6908

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1549 bp
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
MOLECULE TYPE: C-DNA
DESCRIPTION: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
IMMEDIATE SOURCE:
POSITION IN GENOME:
FEATURE:
PUBLICATION INFORMATION:
US-08-856-444-1

Query Match 17.9%; Score 30.4; DB 2; Length 1549;
Best Local Similarity 57.3%; Pred. No. 0.45;
Matches 55; Conservative 0; Mismatches 41; Indels 0; Gaps 0;

QY 50 AGGTTTCCCAATCCTCAACTCTGTCTGCCAGCTGATGAGGGGAGGAAAGGATTACCT 109

Db 530 AAGTGGCCCTCCCGGCGAGGGTGGCTTGCCTCCAGGAGGAGGGGAGCAGCAGGAAAGCC 589

QY 110 AGGGTATGGGCGACCAATCTGTGCTCCTGAGTCCACCACTG 145

Db 590 AGAGGGGGGAGAGACCACTGCTGTCTACCAACCG 625

RESULT 4
US-09-833-381-1715
Sequence 1715, Application US/09833381
Patent No. 6672186

GENERAL INFORMATION:
APPLICANT: Robison, Keith E.
TITLE OF INVENTION: No. 6672186el Nucleic Acid and Protein Homologs

FILE REFERENCE: 5800-119
CURRENT APPLICATION NUMBER: US/09/833,381

PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 09/516,448

NUMBER OF SEQ ID NOS: 2050
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 1715
LENGTH: 340
TYPE: DNA
ORGANISM: Homo sapiens

US-09-833-381-1715

Query Match 17.8%; Score 30.2; DB 4; Length 340;
Best Local Similarity 62.7%; Pred. No. 0.27;
Matches 47; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 71 TGTCCTGCCAGCTGATGAGGGGAGGAGGATTACCTAGGGTATGGCGCAATCC 130


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Db 72 TGCTTGTCCCAAGGAGGGGAAGCAGCAGGAGAAAGCCAGAGGGGGCAGAGACCACCTGC 131
QY 131 TGAGTCCACCAACTG 145
Db 132 TGCTACCACCAACGG 146

RESULT 5
US-09-620-312D-988
; Sequence 988, Application US/09620312D
; Patent No. 6589662
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunging
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6589662el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 988
; LENGTH: 1794
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (164)..(1261)
; US-09-620-312D-988

Query Match 17.8%; Score 30.2; DB 4; Length 1794;
Best Local Similarity 62.7%; Pred. No. 0.56;
Matches 47; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 71 TGCTCTCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAATCC 130
Db 778 TGGCTTGTCCCAAGGAGGGGAAGCAGCAGGAGAAAGCCAGAGGGGGCAGAGACCACCTGC 837
QY 131 TGAGTCCACCAACTG 145
Db 838 TGCTACCACCAACGG 852

RESULT 6
US-09-547-435-17
; Sequence 17, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
```

```
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 420
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-547-435-17

Query Match 17.6%; Score 30; DB 4; Length 420;
Best Local Similarity 55.9%; Pred. No. 0.35;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGTCTCTGCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 36 CTCTGCCAGCAGCTGCTGTCAACAGTGGGCGAGCATGACTTTGGGGCCTTGGATGCCCAA 95
QY 128 TCTGAGTCCACCAACTGACCAAGCCATCCCCAGCCTTTGTG 169
Db 96 TGCTCCATCATCATGAGGAGCCGCCACCCAGACCAAGGG 137

RESULT 7
US-09-547-435-13
; Sequence 13, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 1441
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-547-435-13

Query Match 17.6%; Score 30; DB 4; Length 1441;
Best Local Similarity 55.9%; Pred. No. 0.6;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGTCTCTGCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 492 CTCTGCCAGCAGCTGCTGTCAACAGTGGGCGAGCATGACTTTGGGGCCTTGGATGCCCAA 551
QY 128 TCTGAGTCCACCAACTGACCAAGCCATCCCCAGCCTTTGTG 169
Db 552 TGCTCCATCATCATGAGGAGCCGCCACCCAGACCAAGGG 593

RESULT 8
US-09-547-435-5
; Sequence 5, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
```

; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2236
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-5

Query Match 17.6%; Score 30; DB 4; Length 2236;
Best Local Similarity 55.9%; Pred. No. 0.73;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGCTCTCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 1287 CTCTGCCAGACAGCTCTGTCAACAGTGGGAGCATGACTTTGGGCGCTGGATGCCCAA 1346

QY 128 TCCTGAGTCCACCAACTGACACGCCCATCCCGAGCCTTGTG 169
Db 1347 TGCTCCATCATTCATGAGGAGCGCCGCCACCCAGACCAAGGG 1388

RESULT 9

US-09-547-435-23
; Sequence 23, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2604
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-23

Query Match 17.6%; Score 30; DB 4; Length 2604;
Best Local Similarity 55.9%; Pred. No. 0.78;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGCTCTCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 2220 CTCTGCCAGACAGCTGTGTCAACAGTGGGAGCATGACTTTGGGCGCTGGATGCCCAA 2279

QY 128 TCCTGAGTCCACCAACTGACACGCCCATCCCGAGCCTTGTG 169
Db 2280 TGCTCCATCATTCATGAGGAGCGCCGCCACCCAGACCAAGGG 2321

RESULT 10

US-09-547-435-1
; Sequence 1, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000

; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 2701
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-1

Query Match 17.6%; Score 30; DB 4; Length 2701;
Best Local Similarity 55.9%; Pred. No. 0.79;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGCTCTCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 1752 CTCTGCCAGACAGCTGTGTCAACAGTGGGAGCATGACTTTGGGCGCTGGATGCCCAA 1811

QY 128 TCCTGAGTCCACCAACTGACACGCCCATCCCGAGCCTTGTG 169
Db 1812 TGCTCCATCATTCATGAGGAGCGCCGCCACCCAGACCAAGGG 1853

RESULT 11

US-09-547-435-29
; Sequence 29, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; TITLE OF INVENTION: Encoding the Same
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 3384
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-29

Query Match 17.6%; Score 30; DB 4; Length 3384;
Best Local Similarity 55.9%; Pred. No. 0.87;
Matches 57; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 68 CTCTGCTCTCCAGCTGATGAGGGGAGGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 2250 CTCTGCCAGACAGCTGTGTCAACAGTGGGAGCATGACTTTGGGCGCTGGATGCCCAA 2309

QY 128 TCCTGAGTCCACCAACTGACACGCCCATCCCGAGCCTTGTG 169
Db 2310 TGCTCCATCATTCATGAGGAGCGCCGCCACCCAGACCAAGGG 2351

RESULT 12

US-09-014-969-12
; Sequence 12, Application US/09014969
; Patent No. 5965397
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M.
; APPLICANT: Lavallie, Edward R.
; APPLICANT: Racie, Lisa A.
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Spaulding, Vikki
; APPLICANT: Agostino, Michael J.
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES

US-08-076-093A-1/c
; Sequence 1, Application US/08076093A
; Patent No. 5543503
; GENERAL INFORMATION:
; APPLICANT: Chuntharapai, Anan
; APPLICANT: Lee, James
; APPLICANT: Hebert, Caroline
; APPLICANT: Jin Kim, K.
; TITLE OF INVENTION: Antibodies to Human PF4A Receptors
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/076,093A
; FILING DATE: 11-Jun-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/810782
; FILING DATE: 19-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/677211
; FILING DATE: 29-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Love, Richard B
; REGISTRATION NUMBER: 34,659
; REFERENCE/DOCKET NUMBER: 706P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-5530
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1933 nucleotides
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-08-076-093A-1

Query Match 17.1%; Score 29; DB 1; Length 1933;
Best Local Similarity 57.0%; Pred. No. 1.6; Indels 0; Gaps 0;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
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Db 1915 GGAACATCTGCTGCCCAATGGACTGGTGGCTGCACATGGCTTCTAGGATGCTGATGC 1856
Qy 64 TCAACTCTGCTCCGACCTGATGAGGGGAGG 96
Db 1855 TGCACGCCAGCTGGAAGCTGCAGAGGGGAGG 1823

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OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 191.842 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-5_COPY_1_170

Perfect score: 170

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	105.8	62.2	6083	12	US-10-221-714A-440
5	94.6	55.6	6083	12	US-10-221-714A-439
6	47	27.6	3330	9	US-09-917-800A-1495
7	47	27.6	3330	15	US-10-191-803-398
8	44.4	26.1	4990	10	US-09-865-866-97
9	32.2	18.9	573	15	US-10-027-632-50048
10	32.2	18.9	573	15	US-10-027-632-50049
11	32.2	18.9	573	15	US-10-027-632-50049
12	32.2	18.9	573	15	US-10-027-632-69880
13	32.2	18.9	573	15	US-10-027-632-69881
14	32.2	18.9	573	15	US-10-027-632-70565
15	31.4	18.5	819	15	US-10-027-632-130312

c	16	31.2	18.4	371	14	US-10-387-495-8	Sequence 8, Appli
	17	30.6	18.0	250	14	US-10-066-543-1474	Sequence 1474, Ap
c	18	30.6	18.0	305	9	US-09-879-536-618	Sequence 618, App
c	19	30.6	18.0	2856	12	US-10-231-956A-43	Sequence 43, Appl
c	20	30.6	18.0	2856	15	US-10-373-801-7	Sequence 7, Appli
c	21	30.6	18.0	2885	9	US-09-880-107-3388	Sequence 3388, Ap
c	22	30.6	18.0	2885	12	US-10-262-511-245	Sequence 245, App
c	23	30.6	18.0	2885	12	US-10-307-817-351	Sequence 351, App
c	24	30.6	18.0	2885	12	US-10-307-817-680	Sequence 680, App
c	25	30.6	18.0	2885	15	US-10-305-720-1143	Sequence 1143, Ap
c	26	30.6	18.0	3370	13	US-10-044-090-339	Sequence 339, App
	27	30.4	17.9	1549	15	US-10-336-260A-1	Sequence 1, Appli
c	28	30.4	17.9	2835	15	US-10-104-047-1501	Sequence 1501, Ap
	29	30.4	17.9	96597	15	US-10-085-117-112	Sequence 112, App
c	30	30.2	17.8	340	9	US-09-833-381-1715	Sequence 1715, Ap
	31	30.2	17.8	499	10	US-09-918-995-21158	Sequence 21158, A
	32	30.2	17.8	669	11	US-09-801-944B-24	Sequence 24, Appl
	33	30.2	17.8	1082	15	US-10-284-049-913	Sequence 913, App
	34	30.2	17.8	1794	14	US-10-037-270-988	Sequence 988, App
	35	30.2	17.8	1794	15	US-10-117-722-988	Sequence 988, App
	36	30	17.6	420	14	US-10-422-264-17	Sequence 17, Appl
	37	30	17.6	1441	14	US-10-422-264-13	Sequence 13, Appl
	38	30	17.6	2136	9	US-09-862-658-3	Sequence 3, Appli
	39	30	17.6	2136	14	US-10-175-696-24	Sequence 24, Appl
	40	30	17.6	2236	14	US-10-422-264-5	Sequence 5, Appli
	41	30	17.6	2307	12	US-10-302-172-803	Sequence 803, App
	42	30	17.6	2604	14	US-10-422-264-23	Sequence 23, Appl
	43	30	17.6	2701	14	US-10-422-264-1	Sequence 1, Appli
	44	30	17.6	3320	9	US-09-862-658-1	Sequence 1, Appli
	45	30	17.6	3320	14	US-10-175-696-22	Sequence 22, Appl

ALIGNMENTS

RESULT 1

US-09-808-388-5
; Sequence 5, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 271
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fragment of the PLA2s promoter
US-09-808-388-5

Query Match 100.0%; Score 170; DB 9; Length 271;

Best Local Similarity 100.0%; Pred. No. 9.3e-53;

Matches 170; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGCGGCAAACTGCCTGAAATGTTTGGCATCAGTACTGACAGTAAAGTTTCCCAA 60

Db 1 CGCGGCAAACTGCCTGAAATGTTTGGCATCAGTACTGACAGTAAAGTTTCCCAA 60

QY 61 TCCTCAACTCTCTCTGCGCAGCTGATGAGGGGAAGGAATACCTAGGGGTATGGG 120

Db 61 TCCTCAACTCTGTCTCCAGCTGATGAGGGAAGAAAGGATTACCTAGGGTATGGG 120
QY 121 CGACCAATCTGAGTCACCACTGACACGCGCCATCCCGAGCTTGTGC 170
Db 121 CGACCAATCTGAGTCACCACTGACACGCGCCATCCCGAGCTTGTGC 170
RESULT 2
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE/PLA2s hybrid promoter
US-09-808-388-6

Query Match 100.0%; Score 170; DB 9; Length 332;
Best Local Similarity 100.0%; Pred. No. 1e-52;
Matches 170; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGCGGCAAACTCCCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAA 60
Db 62 CGCGGCAAACTCCCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAA 121
QY 61 TCCTCAACTCTGTCTCCAGCTGATGAGGGAAGAAAGGATTACCTAGGGTATGGG 120
Db 122 TCCTCAACTCTGTCTCCAGCTGATGAGGGAAGAAAGGATTACCTAGGGTATGGG 181
QY 121 CGACCAATCTGAGTCACCACTGACACGCGCCATCCCGAGCTTGTGC 170
Db 182 CGACCAATCTGAGTCACCACTGACACGCGCCATCCCGAGCTTGTGC 231

RESULT 3
US-09-865-866-17
; Sequence 17, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP I1A (SYNOVIAL) EX
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 17
; LENGTH: 1080
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-865-866-17

Query Match 72.4%; Score 123; DB 10; Length 1080;
Best Local Similarity 89.6%; Pred. No. 4.2e-35;
Matches 155; Conservative 0; Mismatches 15; Indels 3; Gaps 2;
QY 1 CGCGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAA 59
Db 763 CTGCGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAA 822
QY 60 ATCTCTCAACTCTGTCTCTG--CCAGCTGATGAGGGAAGAAAGGATTACCTAGGGGTAT 117
Db 823 ATCTCTCAACTCTGTCTCTGCGCCAGGCTGATGAGGGAAGAAAGGATTACCTAGGGGTAT 882
QY 118 GGGCGACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGC 170
Db 883 GGGCGACCAATCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGC 935
RESULT 4
US-10-221-714A-440/c
; Sequence 440, Application US/10221714A
; Publication No. US20040048254A1
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with
; TITLE OF INVENTION: tumor suppressor genes and oncogenes
; FILE REFERENCE: 5013.1005
; CURRENT APPLICATION NUMBER: US/10/221,714A
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: PCT/EP01/02955
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: DE 10013847.0
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: DE 10019058.8
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 540
; SEQ ID NO 440
; LENGTH: 6083
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-440

Query Match 62.2%; Score 105.8; DB 12; Length 6083;
Best Local Similarity 77.6%; Pred. No. 1.9e-28;
Matches 128; Conservative 0; Mismatches 37; Indels 0; Gaps 0;
QY 6 CAAAACCTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAATCTTC 65
Db 1324 CAAAACCTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTTCCCAATCTTC 1265
QY 66 AACTCTGCTCTGCGCAGCTGATGAGGGAAGAAAGGATTACCTAGGGGTATGGGAGCC 125
Db 1264 AACTCTGCTCTGCGCAGCTGATGAGGGAAGAAAGGATTACCTAGGGGTATGGGAGCC 1205
QY 126 AATCTCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGC 170
Db 1204 AATCTCTGAGTCCACCACTGACACGCGCCATCCCGAGCTTGTGC 1160
RESULT 5
US-10-221-714A-439
; Sequence 439, Application US/10221714A
; Publication No. US20040048254A1
; GENERAL INFORMATION:

APPLICANT: OLEK, Alexander
APPLICANT: PIPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043926.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 439
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-439

Query Match 55.6%; Score 94.6; DB 12; Length 6083;
Best Local Similarity 73.3%; Pred. No. 2.7e-24;
Matches 121; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 5 GCAAACTGCTGCTGAAATGTTTGGCATCAGTACTGACAGTAAGGTTTCCCAATCCT 64
DB 4759 GTAAATGTTTGAATGTTTGGTATTGTTAGTAAAGGTTTAAATTT 4818
QY 65 CAACTGCTGCTGCAAGTGTAGGAGGGAAGAAAGGGATTACCTAGGGGTATGGCGAC 124
DB 4819 TAAATTTGTTTGTAGTTGATGAGGGAAGAAAGGGATTATTAGGGTATGGCGAT 4878
QY 125 CAATCCTGAGTCCACCACTGACAGGCGCCATCCCGCCCTGTG 169
DB 4879 TAAATTTGATTTTATTAATTTGATTAAGTTTATTTAGTTTGTG 4923

RESULT 6
US-09-917-800A-1495
Sequence 1495, Application US/09917800A
Patent No. US20020119462A1
GENERAL INFORMATION:
APPLICANT: Mendrick, Donna
APPLICANT: Porter, Mark
APPLICANT: Johnson, Kory
APPLICANT: Castle, Arthur
APPLICANT: Elashoff, Michael
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Molecular
TITLE OF INVENTION: Toxicology Modeling
FILE REFERENCE: 44921-5038-US
CURRENT APPLICATION NUMBER: US/09/917,800A
CURRENT FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: US 60/222,040
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 60/222,880
PRIOR FILING DATE: 2000-11-02
PRIOR APPLICATION NUMBER: US 60/290,029
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: US 60/292,336
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: US 60/295,798
PRIOR FILING DATE: 2001-06-06

PRIOR APPLICATION NUMBER: US 60/297,457
PRIOR FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US 60/298,884
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: US 60/303,459
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 1740
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1495
LENGTH: 3330
TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020119462A1 X51529
US-09-917-800A-1495

Query Match 27.6%; Score 47; DB 9; Length 3330;
Best Local Similarity 60.5%; Pred. No. 1e-06;
Matches 95; Conservative 0; Mismatches 60; Indels 2; Gaps 1;

QY 6 CAAAACCTGCTGAAATGTTTGGCATCAGTACTGACAGTAAGGTTTCCCAATCCTC 65
DB 260 CGAATCAGCTAAAGTTTATGATGCCACACCCCATGATGAGGCTTTTCGGCCCTC 319
QY 66 AACTGCTGCTGCCAGCTGATGAGGGGAAGAAAGGATTAACCTAGGGGTATGGG--CGA 123
DB 320 AAGGCTGTTCTGCCAGCTGTTGGGGGAAAGGGGAAATTAACCCAGGGCGTTGGGTATGC 379
QY 124 CCAATCCTGAGTCCACCACTGACAGGCGCCATCCCTCC 160
DB 380 CGCTGTTGAATCCATTATTTGGCCACACCCACCTCC 416

RESULT 7
US-10-191-803-398
Sequence 398, Application US/10191803
Publication No. US20040014040A1
GENERAL INFORMATION:
APPLICANT: MENDRICK, Donna
APPLICANT: PORTER, Mark
APPLICANT: JOHNSON, Kory
APPLICANT: HIGGS, Brandon
APPLICANT: CASTLE, Arthur
APPLICANT: ELASHOFF, Michael
TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
FILE REFERENCE: 44921-5090US
CURRENT APPLICATION NUMBER: US/10/191,803
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: US 60/303,819
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US 60/305,623
PRIOR FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: US 60/369,351
PRIOR FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: US 60/377,611
PRIOR FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 1140
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 398
LENGTH: 3330
TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20040014040A1 X51529
US-10-191-803-398

Query Match 27.6%; Score 47; DB 15; Length 3330;
Best Local Similarity 60.5%; Pred. No. 1e-06;
Matches 95; Conservative 0; Mismatches 60; Indels 2; Gaps 1;

QY 6 CAAAACCTGCTGAAATGTTTGGCATCAGTACTGACAGTAAGGTTTCCCAATCCTC 65
DB 260 CGAATCAGCTAAAGTTTATGATGCCACACCCCATGATGAGGCTTTTCGGCCCTC 319

Qy	66	AACTCTGTCTCTGCAGCTCATGAGGGGAAGGAAGGNNTTACCTAGGGGTATGGG--CGA	123
Db	320	AAGGCTGTCTCTCCAGCTGTTGGGGGAAAAAGGGGAAATTACCCAGGGCGCTGGGTATGC	379
Qy	124	CCAATCCTGAGTCCACCACTGACCACGCCCATCCCC	160
Db	380	CCGTCTGTGAATTCATTATTTGGGCACACCCACCTCC	416

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RESULT 8
US-09-865-866-97
; Sequence 97, Application US/09865866
; Publication No. US20030045487A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
; FILE REFERENCE: RTS-0221
; CURRENT APPLICATION NUMBER: US/09/865,866
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 173
; SEQ ID NO 97
; LENGTH: 4990
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (2026) ... (2068)
; NAME/KEY: CDS
; LOCATION: (2245) ... (2389)
; NAME/KEY: CDS
; LOCATION: (2622) ... (2731)
; NAME/KEY: CDS
; LOCATION: (4098) ... (4240)
; US-09-865-866-97

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	Query Match	26.1%;	Score 44.4;	DB 10;	Length 4990;
	Best Local Similarity	61.0%;	Pred. No. 1.1e-05;		
	Matches 72;	Conservative 0;	Mismatches 46;	Indels 0;	Gaps 0;
Qy	6	CAAAACTGCTGAAATGTTTTGGCATACGCTACTGACAGTAAAGTTTCCCAATCCTC	65		
Db	1016	CAAAATCAGCTGAAATTATGATGGCGCACCCCTTGCTATGAAGGCTTTTCCAGCCCTC	1075		
Qy	66	AACCTCTGTCGCCAGCTGATGAGGGAGGAAAGGATTAACCTAGGGGTATGGGCGA	123		
Db	1076	AGGGCTGTCCTGCCAGCTGTGTGGGGAAACAAAAGGGCATTTGGGTATGCCATCCGTGA	1133		

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RESULT 9
US-10-027-632-50048
; Sequence 50048, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28

```

```

; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50048
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-50048

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	Query Match	18.9%	Score 32.2	DB 15	Length 573
	Best Local Similarity	53.6%	Pred. No. 0.17		
	Matches 67	Conservative 0	Mismatches 58	Indels 0	Gaps 0
Qy	41	TGACAGTAAAGTTTCCCAATCCTCAACTCTGTCTGCCAGCTGATCAGGGGAAGGAAAG	100		
Db	223	TGACACAGGGTCTTCAAGAGAAAACCTCAGTCATTTCAGACTATAGTTGAGTGAAGACA	282		
Qy	101	GGATTACTAGGGGTATGGGCGACCAATCCTGTAGTCCACCAACTGACCGCCCATCCCC	160		
Db	283	GGGGTACACGTGTTATGTGTCCTCCCAAAAACAGAAATTCCTCCATCCATAATGTACAACTGC	342		
Qy	161	AGCCT	165		
Db	343	AGCCT	347		

```

RESULT 10
US-10-027-632-50049
; Sequence 50049, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50049
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-50049

```

	Query Match	18.9%	Score 32.2	DB 15	Length 573
	Best Local Similarity	53.6%	Pred. No. 0.17		
	Matches	67	Conservative	0	Mismatches 58
					Indels 0
					Gaps 0
QY	41	TGACACGTAGGTTCCCAATCCTCAACTCTGTCTCCAGCTCATAGGGGAGGAAG	100		
DB	223	TGACACAGAGGGTCTTCAAGAGCAAAACTCAGTCATTTCAGACTATATTGAGTAAGAACA	282		
QY	101	GGATTACTAGGGGTATGGGCGACCAATCTTGAGTCCACCAACTGCACCGCCCATCCCC	160		
DB	283	GGGGTAACAGCTGTATGTCCCCAAAAACAGAAATCTCCCATTCATATGCAACAATGC	342		
OY	161	AGCCT	165		


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Db      343 AGCCT 347
|||||
RESULT 11
US-10-027-632-69880
; Sequence 69880, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69880
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-69880

Query Match      18.9%; Score 32.2; DB 15; Length 573;
Best Local Similarity 53.6%; Pred. No. 0.17;
Matches 67; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 41 TGACACGTAAGGTTTCCCAATCCTCAACTCTCTCTGCGCAGCTGATGAGGGGAAGAAAG 100
Db 223 TGACACAGAGGGCTCTTCAAGAGCAAAACTCAGTCATTGAGTATAGTTGAGTAAGAAACA 282
QY 101 GGATTACCTAGGGGTATGGCGACCAATCTGAGTCCCACTGACCACTGACCGCCATCCCC 160
Db 283 GGGGTAAACAGCTGTATGTGTCCTCCCAAAAACAGAAATTCCTCCATCCATAATGCACAACTGC 342
QY 161 AGCCT 165
Db 343 AGCCT 347

RESULT 13
US-10-027-632-70565
; Sequence 70565, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70565
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-70565

Query Match      18.9%; Score 32.2; DB 15; Length 573;
Best Local Similarity 53.6%; Pred. No. 0.17;
Matches 67; Conservative 0; Mismatches 58; Indels 0; Gaps 0;

QY 41 TGACACGTAAGGTTTCCCAATCCTCAACTCTCTCTGCGCAGCTGATGAGGGGAAGAAAG 100
Db 223 TGACACAGAGGGCTCTTCAAGAGCAAAACTCAGTCATTGAGTATAGTTGAGTAAGAAACA 282
QY 101 GGATTACCTAGGGGTATGGCGACCAATCTGAGTCCCACTGACCACTGACCGCCATCCCC 160
Db 283 GGGGTAAACAGCTGTATGTGTCCTCCCAAAAACAGAAATTCCTCCATCCATAATGCACAACTGC 342
QY 161 AGCCT 165
Db 343 AGCCT 347

RESULT 12
US-10-027-632-69881
; Sequence 69881, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
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Db 283 GGGGTACAGCTGTATGTGTCCTCCCAAAACAGAAATCTCCATCCATATGACCACTGC 342
QY 161 AGCCT 165
Db 343 AGCCT 347

RESULT 14
US-10-027-632-70566
; Sequence 70566, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70566
; LENGTH: 573
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-70566

Query Match 18.9%; Score 32.2; DB 15; Length 573;
Best Local Similarity 53.6%; Pred. No. 0.17;
Matches 67; Conservative 0; Mismatches 58; Indels 0; Gaps 0;
QY 41 TGACACGTAGGTTTCCCAATCTCTCACTCTGTCTCCAGCTGATGAGGGGAGGAAAG 100
Db 223 TGACACAGAGGGTCTTCAAGAGCAAACTCAGTCACTTCAAGCTATAGTTAGTAGCA 282
QY 101 GGATTACCTAGGGGTATGGGCGACCAATCTCTGAGTCCACCACTGACCGCCCATCCCC 160
Db 283 GGGGTACAGCTGTATGTGTCCTCCCAAAACAGAAATCTCCATCCATATGACCACTGC 342
QY 161 AGCCT 165
Db 343 AGCCT 347

RESULT 15
US-10-027-632-130312
; Sequence 130312, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130312
; LENGTH: 819
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-130312
Query Match 18.5%; Score 31.4; DB 15; Length 819;
Best Local Similarity 57.7%; Pred. No. 0.38;
Matches 56; Conservative 0; Mismatches 41; Indels 0; Gaps 0;
QY 74 CTTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGGCGACCAATCTGA 133
Db 395 CTTGCCAGGGGTCTAGGGGGGAGGATGGGCTGCCCTCGCGTCTCTGCTCCAACTGA 454
QY 134 GTCCACCAACTGACACACGCCCATCCCGAGCCTTGTC 170
Db 455 GAACATGAGCTGACTCCCGACCTTGGCCCTCTCTCTGC 491
Search completed: April 9, 2004, 06:43:21
Job time : 192.842 secs


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; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 1441
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-13

Query Match 12.5%; Score 33.8; DB 4; Length 1441;
Best Local Similarity 53.4%; Pred. No. 0.14; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCTGCTCTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 492 CTCTGCCAGCAGCTGCTGTCAACAGTGGCAGCATGACTTTGGGGCCTGGATGCCAA 551
QY 128 TCCTGAGTCCACCACTGACCGCCCATCCCGAGCCTTGCTGCTCAGCTACCTACCCCAACC 187
Db 552 TGCTCCATCATCCATGAGGAGCGCCCGACCCAGACCAAGGGGACCAACACCCCTGAAGAC 611
QY 188 TCCAGAGGGAGC 200
Db 612 TTACCTAGACACC 624

RESULT 3
US-09-547-435-5
; Sequence 5, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 2236
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-5

Query Match 12.5%; Score 33.8; DB 4; Length 2236;
Best Local Similarity 53.4%; Pred. No. 0.17; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCTGCTCTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 1287 CTCTGCCAGCAGCTGCTGTCAACAGTGGCAGCATGACTTTGGGGCCTGGATGCCAA 1346
QY 128 TCCTGAGTCCACCACTGACCGCCCATCCCGAGCCTTGCTGCTCAGCTACCTACCCCAACC 187
Db 1347 TGCTCCATCATCCATGAGGAGCGCCCGACCCAGACCAAGGGGACCAACCCCTGAAGAC 1406
QY 188 TCCAGAGGGAGC 200
Db 1407 TTACCTAGACACC 1419

RESULT 4
US-09-547-435-23
; Sequence 23, Application US/09547435
```

```
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 2604
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-23

Query Match 12.5%; Score 33.8; DB 4; Length 2604;
Best Local Similarity 53.4%; Pred. No. 0.18; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCTGCTCTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 2220 CTCTGCCAGCAGCTGCTGTCAACAGTGGCAGCATGACTTTGGGGCCTGGATGCCAA 2279
QY 128 TCCTGAGTCCACCACTGACCGCCCATCCCGAGCCTTGCTGCTCAGCTACCTACCCCAACC 187
Db 2280 TGCTCCATCATCCATGAGGAGCGCCCGACCCAGACCAAGGGGACCAACCCCTGAAGAC 2339
QY 188 TCCAGAGGGAGC 200
Db 2340 TTACCTAGACACC 2352

RESULT 5
US-09-547-435-1
; Sequence 1, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 2701
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-1

Query Match 12.5%; Score 33.8; DB 4; Length 2701;
Best Local Similarity 53.4%; Pred. No. 0.18; Indels 0; Gaps 0;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 68 CTCTGCTCTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGGCGACCAA 127
Db 1752 CTCTGCCAGCAGCTGCTGTCAACAGTGGCAGCATGACTTTGGGGCCTGGATGCCAA 1811
QY 128 TCCTGAGTCCACCACTGACCGCCCATCCCGAGCCTTGCTGCTCAGCTACCTACCCCAACC 187
Db 1812 TGCTCCATCATCCATGAGGAGCGCCCGACCCAGACCAAGGGGACCAACCCCTGAAGAC 1871
QY 188 TCCAGAGGGAGC 200
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Db      1872 TTACCTAGACACC 1884
RESULT 6
US-09-547-435-29
; Sequence 29, Application US/09547435
; Patent No. 6582957
; GENERAL INFORMATION:
; APPLICANT: Turner, C. Alexander, Jr.
; APPLICANT: Zambrowicz, Brian
; APPLICANT: Nehls, Michael
; APPLICANT: Friedrich, Glenn
; APPLICANT: Sands, Arthur T.
; TITLE OF INVENTION: No. 6582957el Lipoxigenase Proteins and Polynucleotides
; FILE REFERENCE: 7705.0009-00000
; CURRENT APPLICATION NUMBER: US/09/547,435
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 29
; LENGTH: 3384
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-547-435-29
Query Match      12.5%; Score 33.8; DB 4; Length 3384;
Best Local Similarity 53.4%; Pred. No. 0.2;
Matches 71; Conservative 0; Mismatches 62; Indels 0; Gaps 0;
QY 68 CTCCTCTCTGCGAGCTGATGAGGGGAAGGAGGATTACCTAGGGGTATGGGCGACCAA 127
Db 2250 CTCCTCCCGACGACGCTGCTGTCAACAGTGGCGCATGACCTTTGGGGCTGGATGCCCAA 2309
QY 128 TCCTGAGTCCCACTGACACGCGCCATCCCGACCTTGCTGCCTCAGCTACCTCCCAACC 187
Db 2310 TGCTCCATCATCATGAGCGACCCCGACCCCGACCAAGGAGGCGACCACTCCCTGAAGAC 2369
QY 188 TCCAGAGGGAGC 200
Db 2370 TTACCTAGACACC 2382
RESULT 7
US-09-205-258-86/c
; Sequence 86, Application US/09205258
; Patent No. 6525174
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 207 Human Secreted Proteins
; FILE REFERENCE: P2007P1
; CURRENT APPLICATION NUMBER: US/09/205,258
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: PCT/US98/11422
; EARLIER FILING DATE: 1998-06-04
; EARLIER APPLICATION NUMBER: 60/048,885
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,375
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,881
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,880
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,896
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,020
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,876
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,895
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,884
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,894
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,971
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,882
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,899
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,893
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,900
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,901
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,892
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,915
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,019
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,970
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,972
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,916
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,373
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,875
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/049,374
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,917
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,949
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,883
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,897
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,898
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,962
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,963
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,877
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/048,878
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/070,923
; EARLIER FILING DATE: 1997-12-18
; EARLIER APPLICATION NUMBER: 60/092,921
; EARLIER FILING DATE: 1998-07-15
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 1227
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 1036
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1020)
; OTHER INFORMATION: n equals a,t,g, or c
; FEATURE:
; NAME/KEY: SITE
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/ LOCATION: (1024)
/ OTHER INFORMATION: n equals a,t,g, or c
/ FEATURE:
/ NAME/KEY: SITE
/ LOCATION: (1032)
/ OTHER INFORMATION: n equals a,t,g, or c
US-09-205-258-86

Query Match      11.7%; Score 31.8; DB 4; Length 1036;
Best Local Similarity 52.7%; Pred. No. 0.57; Indels 0; Gaps 0;
Matches 69; Conservative 0; Mismatches 62;

QY 128 TCTGAGTCCACCAACTGACACAGCCCATCCCGAGCCTTGTGCTCAGCTTACCCCAACC 187
DB 852 TCTGAGTCTCCACCGCCCTCCCGAGCCCTTGTGCTCAGCTTACCCCAACC 193
QY 188 TCCAGAGGAGCAGCTATTTAAGGGAGCAGAGTGCAGACAAACAGACGCGCTGGG 247
DB 792 CAGGCGCTGGGCGCAGCAATGCAATGCTGGGGTGGGATCACCAAGAGAGGCCCAAGC 733
QY 248 GATACAACTCT 258
DB 732 CAACTACCCCT 722

RESULT 8
US-09-328-111-618/c
/ Sequence 618, Application US/09328111
/ Patent No. 6262333
/ GENERAL INFORMATION:
/ APPLICANT: Endege, Wilson O.
/ APPLICANT: Steinmann, Kathleen E.
/ APPLICANT: Astle, Jon H.
/ APPLICANT: Burgess, Christopher C.
/ APPLICANT: Bushnell, Steven E.
/ APPLICANT: Carroll III, Eddie
/ APPLICANT: Catino, Theodore J.
/ APPLICANT: Derti, Adnan
/ APPLICANT: Ford, Donna M.
/ APPLICANT: Lewis, Marcia E.
/ APPLICANT: Monahan, John E.
/ APPLICANT: Schlegel, Robert
/ TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
/ FILE REFERENCE: CCD-257 (US)
/ CURRENT APPLICATION NUMBER: US/09/328,111
/ CURRENT FILING DATE: 1999-06-08
/ EARLIER APPLICATION NUMBER: US 60/098,801
/ EARLIER FILING DATE: 1998-06-10
/ NUMBER OF SEQ ID NOS: 850
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 618
/ LENGTH: 305
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-328-111-618

Query Match      11.3%; Score 30.6; DB 3; Length 305;
Best Local Similarity 56.4%; Pred. No. 0.83; Indels 0; Gaps 0;
Matches 57; Conservative 0; Mismatches 44;

QY 3 CGGCAAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATC 62
DB 217 CGCMAAATAACACGATGTTGTTAACTCCCGAGTGGGGCTAGAAATCCCAATG 158
QY 63 CTCAACTCTGCTGCGAGCTGATGAGGGGAAGGA 103
DB 157 GTGACCTGTGACCTGCTCCCTGACACAGGGGAGCCAGGCA 117

RESULT 9
US-09-016-434-1143/c
/ Sequence 1143, Application US/09016434
```

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/ Patent No. 6500938
/ GENERAL INFORMATION:
/ APPLICANT: Janice Au-Young
/ APPLICANT: Jeffrey J. Sellhammer
/ TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
/ TITLE OF INVENTION: PATHWAY GENE EXPRESSION
/ NUMBER OF SEQUENCES: 1490
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
/ STREET: 3174 FORSTER DRIVE
/ CITY: PALO ALTO
/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/016,434
/ FILING DATE: HERewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Zeller, Karen J.
/ REGISTRATION NUMBER: 37,071
/ REFERENCE/DOCKET NUMBER: PA-0002 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 855-0555
/ TELEFAX: (650) 845-4166
/ INFORMATION FOR SEQ ID NO: 1143:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2885 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GENBANK
/ CLONE: g1478280
US-09-016-434-1143

Query Match      11.3%; Score 30.6; DB 4; Length 2885;
Best Local Similarity 56.4%; Pred. No. 2.2; Indels 0; Gaps 0;
Matches 57; Conservative 0; Mismatches 44;

QY 3 CGGCAAAACTGCTGAAATGTTTGGCATCAGCTACTGACACGTAAGGTTTCCCAATC 62
DB 2633 CGCMAAATAACACGATGTTGTTAACTCCCGAGTGGGGCTAGAAATCCCAATG 2574
QY 63 CTCAACTCTGCTGCGAGCTGATGAGGGGAAGGA 103
DB 2573 GTGACCTGTGACCTGCTCCCTGACACAGGGGAGCCAGGCA 2533

RESULT 10
US-08-856-444-1
/ Sequence 1, Application US/08856444
/ Patent No. 5959081
/ GENERAL INFORMATION:
/ APPLICANT: Lecka-Czernik, Beata
/ TITLE OF INVENTION: No. 5959081el Zinc Binding LIM Protein S2-6
/ NUMBER OF SEQUENCES: 3
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Benjamin Aaron Adler, Ph.D. J.D.
/ STREET: 8011 Candle Lane
/ CITY: Houston
/ STATE: Texas
/ ZIP: 77071
/ COMPUTER READABLE FORM:
```


;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING
;; NUMBER OF INVENTION: OSTEOGENIC AGENTS
;; TITLE OF SEQUENCES: 13
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: James C. Weseman, Esq.
;; STREET: 401 B. Street, Suite 1700
;; CITY: San Diego
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92101
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/458,434A
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Weseman, James C.
;; REGISTRATION NUMBER: 30,507
;; REFERENCE/DOCKET NUMBER: P00060U50
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 699-3604
;; TELEFAX: 619-236-1048
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9299 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-458-434A-7

Query Match 10.9%; Score 29.6; DB 3; Length 9299;
Best Local Similarity 59.5%; Pred. No. 8.2; Indels 0; Gaps 0;
Matches 50; Conservative 0; Mismatches 34; Indels 0; Gaps 0;
QY 150 CGCCCATCCCGAGCTGTGCTCCTACCTACCCCACTCCCGAGGAGGAGCAGCTATTTA 209
Db 6318 CCCCCACCCCGCCCTTCTCGCCCTCCAGCCCAATTTCCACAACTTCCACTGCTGTTA 6259
QY 210 AGGGGAGCAGAGTGCGAGACAA 233
Db 6258 AGAAGAGGAGGAGGAGAGAGA 6235

RESULT 14
US-09-014-969-12
;; Sequence 12, Application US/09014969
;; Patent No. 5965397
;; GENERAL INFORMATION:
;; APPLICANT: Jacobs, Kenneth
;; APPLICANT: McCoy, John M.
;; APPLICANT: LaValle, Edward R.
;; APPLICANT: Racie, Lisa A.
;; APPLICANT: Merberg, David
;; APPLICANT: Treacy, Maurice
;; APPLICANT: Spaulding, Vikki
;; APPLICANT: Agostino, Michael J.
;; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
;; TITLE OF INVENTION: ENCODING THEM
;; NUMBER OF SEQUENCES: 32
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Genetics Institute, Inc.
;; STREET: 87 CambridgePark Drive
;; CITY: Cambridge
;; STATE: MA
;; COUNTRY: U.S.A.
;; ZIP: 02140
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/014,969
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sprunger, Suzanne A.
;; REGISTRATION NUMBER: 41,323
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 498-8284
;; TELEFAX: (617) 876-5851
;; INFORMATION FOR SEQ ID NO: 12:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 3111 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: double
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; US-09-014-969-12

Query Match 10.8%; Score 29.2; DB 2; Length 3111;
Best Local Similarity 57.8%; Pred. No. 6.9; Indels 0; Gaps 0;
Matches 52; Conservative 0; Mismatches 38; Indels 0; Gaps 0;
QY 72 GTCCTGCCAGCTGATGAGGGAGGAAGGATTACCTAGGGGTATGGGCGACCAATCCT 131
Db 957 GTCGTCCCGCTGATCAGCAGCTTGAGATAGAAAGACTACAGGCTGAGCTGTCATCCC 1016
QY 132 GAGTCCCAACTGACCACGCCCATCCCCA 161
Db 1017 CATGCCGGATCTTCCACACCCGCTCTCA 1046

RESULT 15
US-09-506-729-37/c
;; Sequence 37, Application US/09506729
;; Patent No. 6365352
;; GENERAL INFORMATION:
;; APPLICANT: Yerramilli, Subrahmanyam V.
;; APPLICANT: Prashar, Yatindra
;; APPLICANT: Newberger, Peter
;; APPLICANT: Goguen, Jon
;; APPLICANT: Weissman, Sherman M.
;; TITLE OF INVENTION: A PROCESS TO STUDY CHANGES IN GENE EXPRESSION IN
;; FILE OF INVENTION: GRANULOCYTIC CELLS
;; FILE REFERENCE: 44921-5016-US
;; CURRENT APPLICATION NUMBER: US/09/506,729
;; CURRENT FILING DATE: 2000-02-18
;; EARLIER APPLICATION NUMBER: PCT/US98/17284
;; EARLIER FILING DATE: 1998-08-21
;; EARLIER APPLICATION NUMBER: 60/056,844
;; EARLIER FILING DATE: 1997-08-22
;; NUMBER OF SEQ ID NOS: 66
;; SOFTWARE: Patent In Ver. 2.0
;; SEQ ID NO 37
;; LENGTH: 204
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; US-09-506-729-37

Query Match 10.7%; Score 29; DB 4; Length 204;
Best Local Similarity 57.0%; Pred. No. 2.4;
Matches 53; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
QY 4 GCCTAACTGCTGAAATGTGTTTGGCATCGCTACTGACACGTAAGTTTCCCATCC 63
Db 194 GGAACATCTGCTGCCCAATGGACTGGTGGCTGCACATGCTTTCTAGGGATGCTGATGC 135
QY 64 TCAACTCTGCTGCGCAGCTGATGAGGGGAGG 96
Db 134 TGCACGCCAGCTTGAAGCTGCAGAGGGAGG 102

Search completed: April 9, 2004, 01:27:47
Job time : 47.8592 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 305.818 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-5

Perfect score: 271

Sequence: 1 cgcggcaaaactgcctgaaa.....caactctggagcctctgtg 271

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA.*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
- 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	
1	271	100.0	271	9	US-09-808-388-5	
2	271	100.0	332	9	US-09-808-388-6	
3	212	78.2	1080	10	US-09-865-866-17	
c	4	164.2	60.6	6083	12	US-10-221-714A-440
	5	150.2	55.4	6083	12	US-10-221-714A-439
	6	118.8	43.8	967	14	US-10-210-120-75
	7	84.4	31.1	3330	9	US-09-917-800A-1495
8	84.4	31.1	3330	15	US-10-191-803-398	
9	80.8	29.8	1076	9	US-09-925-300-70	
10	50	18.5	735	9	US-09-981-353-17	
11	49.6	18.3	4990	10	US-09-865-866-97	
c	12	34.2	12.6	371	14	US-10-387-495-8
	13	34.2	12.6	742	15	US-10-027-632-151276
c	14	33.8	12.5	420	14	US-10-422-264-17
	15	33.8	12.5	1441	14	US-10-422-264-13

16	33.8	12.5	2136	9	US-09-862-658-3	Sequence 3, Appli	
17	33.8	12.5	2136	14	US-10-175-696-24	Sequence 24, Appl	
18	33.8	12.5	2236	14	US-10-422-264-5	Sequence 5, Appli	
19	33.8	12.5	2307	12	US-10-302-172-803	Sequence 803, App	
20	33.8	12.5	2604	14	US-10-422-264-23	Sequence 23, Appl	
21	33.8	12.5	2701	14	US-10-422-264-1	Sequence 1, Appli	
22	33.8	12.5	3320	9	US-09-862-658-1	Sequence 1, Appli	
23	33.8	12.5	3320	14	US-10-175-696-22	Sequence 22, Appl	
24	33.8	12.5	3384	14	US-10-422-264-29	Sequence 29, Appl	
25	33.2	12.3	2835	15	US-10-104-047-1501	Sequence 1501, Ap	
26	32.4	12.0	819	15	US-10-027-632-130312	Sequence 130312,	
c	27	32.4	94529	15	US-10-034-650-52	Sequence 52, Appl	
	28	32.2	11.9	573	15	US-10-027-632-50048	Sequence 50048, A
29	32.2	11.9	573	15	US-10-027-632-50049	Sequence 50049, A	
30	32.2	11.9	573	15	US-10-027-632-69880	Sequence 69880, A	
31	32.2	11.9	573	15	US-10-027-632-69881	Sequence 69881, A	
32	32.2	11.9	573	15	US-10-027-632-70565	Sequence 70565, A	
33	32.2	11.9	573	15	US-10-027-632-70566	Sequence 70566, A	
34	32	11.8	412	10	US-09-918-995-6087	Sequence 6087, Ap	
35	32	11.8	3236	15	US-10-108-260A-1225	Sequence 1225, Ap	
c	36	31.8	1036	10	US-09-933-767-86	Sequence 86, Appl	
	37	31.8	1036	14	US-10-023-282-86	Sequence 86, Appl	
c	38	31.6	11.7	466	10	US-09-918-995-32175	Sequence 32175, A
	39	31.6	11.7	2849	10	US-09-814-353-20064	Sequence 20064, A
c	40	31.4	11.6	771	14	US-10-010-920-4	Sequence 4, Appli
	41	31.4	11.6	771	14	US-10-010-920-5	Sequence 5, Appli
c	42	31.4	11.6	771	14	US-10-008-721-4	Sequence 4, Appli
	43	31.4	11.6	771	14	US-10-008-721-5	Sequence 5, Appli
c	44	31.4	11.6	955	14	US-10-010-920-3	Sequence 3, Appli
	45	31.4	11.6	955	14	US-10-008-721-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1

US-09-808-388-5
; Sequence 5, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 271
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fragment of the PLA2s promoter
US-09-808-388-5

Query Match 100.0%; Score 271; DB 9; Length 271;
Best Local Similarity 100.0%; Pred. No. 2.8e-85;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CGCGGCAAACTGCCTGAAATGTTTTGGCATCTGACACGTAGGTTTCCCAA 60
Db 1 CGCGGCAAACTGCCTGAAATGTTTTGGCATCTGACACGTAGGTTTCCCAA 60
QY 61 TCCTCAACTCTGCTCCAGCTGATGAGGGAAGGAAGGATTACCTAGGGTATGGG 120

Db 61 TCCTCAACTCTGCTGCTGCCAGCTGATGAGGGAAGAAAGGATTAACCTAGGGGTATGGG 120
 QY 121 CGACCAATCTGAGTCACCAACTGACACGCCATCCCGAGCTGTGTGCTCACTACC 180
 Db 121 CGACCAATCTGAGTCACCAACTGACACGCCATCCCGAGCTGTGTGCTCACTACC 180
 QY 181 CCCAACTCCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAGAGC 240
 Db 181 CCCAACTCCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAGAGC 240
 QY 241 GCGTGGGATACAACTCTGAGTCCTCTGAG 271
 Db 241 GCGTGGGATACAACTCTGAGTCCTCTGAG 271

RESULT 2

US-09-808-388-6
 ; Sequence 6, Application US/09808388
 ; Patent No. US20020081719A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Massaad, Charbel
 ; APPLICANT: Berenbaum, Francis
 ; APPLICANT: Olivier, Jean-Luc
 ; APPLICANT: Salvat, Colette
 ; APPLICANT: Berezat, Gilbert
 ; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
 ; FILE OF INVENTION: their uses
 ; FILE REFERENCE: ST00010
 ; CURRENT APPLICATION NUMBER: US/09/808,388
 ; CURRENT FILING DATE: 2001-09-20
 ; PRIOR FILING DATE: 2000-03-14
 ; PRIOR FILING DATE: 2000-03-14
 ; PRIOR FILING DATE: 2000-04-13
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 332
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PPRE/PLA2s hybrid promoter
 US-09-808-388-6

Query Match 100.0%; Score 271; DB 9; Length 332;
 Best Local Similarity 100.0%; Pred. No. 3e-85;
 Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 CGCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTCCCAA 60
 Db 62 CGCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTCCCAA 121
 QY 61 TCCTCAACTCTGCTGCCAGCTGATGAGGGAAGAAAGGATTAACCTAGGGGTATGGG 120
 Db 122 TCCTCAACTCTGCTGCCAGCTGATGAGGGAAGAAAGGATTAACCTAGGGGTATGGG 181
 QY 121 CGACCAATCTGAGTCCCACTGACACGCCATCCCGAGCTGTGTGCTCACTACC 180
 Db 182 CGACCAATCTGAGTCCCACTGACACGCCATCCCGAGCTGTGTGCTCACTACC 241
 QY 181 CCCAACTCCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAGAGC 240
 Db 242 CCCAACTCCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAGAGC 301
 QY 241 GCGTGGGATACAACTCTGAGTCCTCTGAG 271
 Db 302 GCGTGGGATACAACTCTGAGTCCTCTGAG 332

RESULT 3

US-09-865-866-17
 ; Sequence 17, Application US/09865866

Publication No. US20030045487A1
 ; GENERAL INFORMATION:
 ; APPLICANT: C. Frank Bennett
 ; APPLICANT: Jacqueline Wyatt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) E
 ; FILE REFERENCE: RTS-0221
 ; CURRENT APPLICATION NUMBER: US/09/865,866
 ; CURRENT FILING DATE: 2001-05-25
 ; NUMBER OF SEQ ID NOS: 173
 ; SEQ ID NO 17
 ; LENGTH: 1080
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-09-865-866-17

Query Match 78.2%; Score 212; DB 10; Length 1080;
 Best Local Similarity 93.1%; Pred. No. 2.8e-64;
 Matches 255; Conservative 0; Mismatches 15; Indels 4; Gaps 3;
 QY 1 CGCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTCCCAA 59
 Db 763 CTCGGCAAACTGCTGAAATGTTTGGCATCAGCTACTGACAGTAAAGTTCCCAA 822
 QY 60 ATCTCAACTCTGCTCTG--CCAGCTGATGAGGGAAGAAAGGATTAACCTAGGGGTAT 117
 Db 823 ATCTCAACTCTGCTCTGCGCAGGCTGATGAGGGAAGAAAGGATTAACCTAGGGGTAT 882
 QY 118 GGGGACCAATCTGAGTCCCACTGACACGCCATCCCGAGCTGTGTGCTCACT 177
 Db 883 GGGGACCAATCTGAGTCCCACTGACACGCCATCCCGAGCTGTGTGCTCACT 942
 QY 178 ACCCCCACTCCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAG 237
 Db 943 ACCCCCACT--CCAGAGGAGCAGCTATTAAAGGGAGCAGGAGTGCGAGAACAAACAG 1001
 QY 238 ACGGCTGGGATACAACTCTGAGTCCTCTGAG 271
 Db 1002 ACGGCTGGGATACAACTCTGAGTCCTCTGAG 1035

RESULT 4

US-10-221-714A-440/c
 ; Sequence 440, Application US/10221714A
 ; Publication No. US20040048254A1
 ; GENERAL INFORMATION:
 ; APPLICANT: OLEK, Alexander
 ; APPLICANT: PIEPENBROCK, Christian
 ; APPLICANT: BERLIN, Kurt
 ; TITLE OF INVENTION: Diagnosis of Diseases Associated with
 ; TITLE OF INVENTION: tumor suppressor genes and oncogenes
 ; FILE REFERENCE: 5013.1005
 ; CURRENT APPLICATION NUMBER: US/10/221,714A
 ; CURRENT FILING DATE: 2003-01-21
 ; PRIOR APPLICATION NUMBER: PCT/EP01/02955
 ; PRIOR FILING DATE: 2001-03-15
 ; PRIOR APPLICATION NUMBER: DE 10013847.0
 ; PRIOR FILING DATE: 2000-03-15
 ; PRIOR APPLICATION NUMBER: DE 10019058.8
 ; PRIOR FILING DATE: 2000-04-06
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; PRIOR APPLICATION NUMBER: DE 10032529.7
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: DE 10043826.1
 ; PRIOR FILING DATE: 2000-09-01
 ; NUMBER OF SEQ ID NOS: 540
 ; SEQ ID NO 440
 ; LENGTH: 6083
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

;; PRIOR APPLICATION NUMBER: US 60/290,029
;; PRIOR FILING DATE: 2001-05-11
;; PRIOR APPLICATION NUMBER: US 60/290,645
;; PRIOR FILING DATE: 2001-05-15
;; PRIOR APPLICATION NUMBER: US 60/292,336
;; PRIOR FILING DATE: 2001-05-22
;; PRIOR APPLICATION NUMBER: US 60/295,798
;; PRIOR FILING DATE: 2001-06-06
;; PRIOR APPLICATION NUMBER: US 60/297,457
;; PRIOR FILING DATE: 2001-06-13
;; PRIOR APPLICATION NUMBER: US 60/298,884
;; PRIOR FILING DATE: 2001-06-19
;; PRIOR APPLICATION NUMBER: US 60/303,459
;; PRIOR FILING DATE: 2001-07-09
;; NUMBER OF SEQ ID NOS: 1740
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 1495
;; LENGTH: 3330
;; TYPE: DNA
;; ORGANISM: Rattus norvegicus
;; FEATURE:
;; OTHER INFORMATION: Genbank Accession No. US20020119462A1 X51529
US-09-917-800A-1495

Query Match 31.1%; Score 84.4; DB 9; Length 3330;
Best Local Similarity 64.9%; Pred. No. 4.3e-19;
Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;

QY 6 CAAACTGCTGAAATGTTTGGCATCAGTACTACACGTAAGTTTCCCAATCCTC 65
DB 260 CGAAATCAGCTAAAGTTTATGATGGCCACACCCATGGTATGAGGGCTTTCCGGCCCTC 319

QY 66 AACTCTGTCTGCCAGCTGATGAGGGGAAGAAAGGGATTACCTAGGGGTATGG--CGA 123
DB 320 AAGCTGTCTGCCAGCTGTTGGGGGAAAGGGAAATTAACCCAGGGCGTTGGGTATGC 379

QY 124 CCAATCTGTGATCCCACTGACCAAGGAAAGGATTACCTAGGGGTATGG--CGA 181
DB 380 CCGTCTGTGAATCCATTATTGTCGACACACCCATCCCTCCCTGCTGCGATCC 439

QY 182 CCAACTCTCCAGAGGAGGAGCTATTTAAGGGGAGCAGGAGTGCAGAACAAACAGCGG 241
DB 440 CCAGCCTGTCAGAGGAGGAGCTATTTAAGAGCATTGGGAGTACAGGAAACAGGCAG 499

QY 242 CC 243
DB 500 GC 501

RESULT 8
US-10-191-803-398
;; Sequence 398, Application US/10191803
;; Publication No. US20040014040A1
;; GENERAL INFORMATION:
;; APPLICANT: MENDRICK, Donna
;; APPLICANT: PORTER, Mark
;; APPLICANT: JOHNSON, Kory
;; APPLICANT: HIGGS, Brandon
;; APPLICANT: CASTLE, Arthur
;; APPLICANT: ELASHOFF, Michael
;; TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
;; FILE REFERENCE: 44921-5090US
;; CURRENT APPLICATION NUMBER: US/10/191,803
;; CURRENT FILING DATE: 2002-07-10
;; PRIOR APPLICATION NUMBER: US 60/303,819
;; PRIOR FILING DATE: 2001-07-10
;; PRIOR APPLICATION NUMBER: US 60/305,623
;; PRIOR FILING DATE: 2001-07-17
;; PRIOR APPLICATION NUMBER: US 60/369,351
;; PRIOR FILING DATE: 2002-04-03
;; PRIOR APPLICATION NUMBER: US 60/377,611
;; PRIOR FILING DATE: 2002-05-06
;; NUMBER OF SEQ ID NOS: 1140

;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 398
;; LENGTH: 3330
;; TYPE: DNA
;; ORGANISM: Rattus norvegicus
;; FEATURE:
;; OTHER INFORMATION: Genbank Accession No. US20040014040A1 X51529
US-10-191-803-398

Query Match 31.1%; Score 84.4; DB 15; Length 3330;
Best Local Similarity 64.9%; Pred. No. 4.3e-19;
Matches 157; Conservative 0; Mismatches 81; Indels 4; Gaps 2;

QY 6 CAAACTGCTGAAATGTTTGGCATCAGTACTACACGTAAGTTTCCCAATCCTC 65
DB 260 CGAAATCAGCTAAAGTTTATGATGGCCACACCCATGGTATGAGGGCTTTCCGGCCCTC 319

QY 66 AACTCTGTCTGCCAGCTGATGAGGGGAAGAAAGGATTACCTAGGGGTATGG--CGA 123
DB 320 AAGCTGTCTGCCAGCTGTTGGGGGAAAGGGAAATTAACCCAGGGCGTTGGGTATGC 379

QY 124 CCAATCTGTGATCCCACTGACCAAGGAAAGGATTACCTAGGGGTATGG--CGA 181
DB 380 CCGTCTGTGAATCCATTATTGTCGACACACCCATCCCTCCCTGCTGCGATCC 439

QY 182 CCAACTCTCCAGAGGAGGAGCTATTTAAGGGGAGCAGGAGTGCAGAACAAACAGCGG 241
DB 440 CCAGCCTGTCAGAGGAGGAGCTATTTAAGAGCATTGGGAGTACAGGAAACAGGCAG 499

QY 242 CC 243
DB 500 GC 501

RESULT 9
US-09-925-300-70
;; Sequence 70, Application US/09925300
;; Patent No. US20020151681A1
;; GENERAL INFORMATION:
;; APPLICANT: Craig Rosen,
;; APPLICANT: Steve Ruben
;; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
;; FILE REFERENCE: PA101
;; CURRENT APPLICATION NUMBER: US/09/925,300
;; CURRENT FILING DATE: 2001-08-10
;; PRIOR APPLICATION NUMBER: PCT/US00/05988
;; PRIOR FILING DATE: 2000-03-08
;; PRIOR APPLICATION NUMBER: 60/124,270
;; PRIOR FILING DATE: 1999-03-12
;; NUMBER OF SEQ ID NOS: 1890
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 70
;; LENGTH: 1076
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: (911)
;; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-300-70

Query Match 29.8%; Score 80.8; DB 9; Length 1076;
Best Local Similarity 95.3%; Pred. No. 5.6e-18;
Matches 82; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 186 CCTCCAGAGGAGGAGCAGCTATTTAAGGGGAGCAGGAGTGCAGAACAAACAGCGGCTG 245
DB 2 CCAACAGAGGAGGAGCAGCTATTTAAGGGGAGGAGTGCAGAACAAACAGCGGCTG 61

QY 246 GGGATACAACTCTGGAGTCTCTGAG 271
DB 62 GGGATACAACTCTGGAGTCTCTGAG 87

Qy	126	AATCTGAGTCCACCACTGACCAAGCCCATYCCCAAGCCTTGTGCCTCACCTACCCCAA	185
Db	1126	ATCCGTGAATCCACTATTTGACCACACCCACCT	1164
Qy	186	CTTCCAGAGGGGACGACTATTTAAAGGGGACGAGGTGCGAGAACAAACAGAC	239
Db	1165	CCCTGCAGAGGGAAGAGCTATTTAAGGGCAGTTGGAATTGAGAAAAACAGAC	1218

RESULT 12

US-10-387-495-8/c

; Sequence 8, Application US/10387495

; Publication No. US20030162956A1

; GENERAL INFORMATION:

; APPLICANT: Ni et al.

; TITLE OF INVENTION: Leukocyte Regulatory Factors 1 and 2

; FILE REFERENCE: PF359C1

; CURRENT APPLICATION NUMBER: US/10/387,495

; CURRENT FILING DATE: 2003-03-14

; PRIOR APPLICATION NUMBER: US/09/603,735A

; PRIOR FILING DATE: 2000-06-23

; PRIOR APPLICATION NUMBER: 09/055,998

; PRIOR FILING DATE: 1998-04-07

; PRIOR APPLICATION NUMBER: 60/043,483

; PRIOR FILING DATE: 1997-04-07

; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: Patent in version 3.1

; SEQ ID NO 8

; LENGTH: 371

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-387-495-8

Query Match	12.6%	Score 34.2;	DB 14;	Length 371;
Best Local Similarity	51.7%;	Pred. No. 0.11;		
Matches	78;	Conservative	0;	Mismatches 73;
				Indels 0;
				Gaps

Qy	23	TGTTTGGCATCAGTCTACTGACAGCTAAGTTTCCCAATCTCTCACTCTGTCTCTGCGCAGC	82
Db	238	TGTTGTCGCAACAGCCCCAGCGCAGGTAGGAGTCTCCCTCAAAATCTCTCCACCCCC	179
Qy	83	TGATGAGGGAAGAAAGGATTAACCTAGGGGTATGGCGACCAATCTGAGTCCACAA	142
Db	178	AGACTCAGAGGAGGAGGGCAGAGAGGTGTGGCCGGTGTGACGTCTCAGGGGGCTC	119
Qy	143	CTGACCACGCCCATCCCCAGCCTTGTGCCTC	173
Db	118	CTGAGCTCGCAGCCACCAGGCGCTTGTGCCTC	88

RESULT 13

US-10-027-632-151276/c

; Sequence 151276, Application US/10027632

; Publication No. US20030204075A9

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

; FILE REFERENCE: 108827.129

; CURRENT APPLICATION NUMBER: US/10/027,632

; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006

; PRIOR FILING DATE: 2000-07-12

; PRIOR APPLICATION NUMBER: US 60/198,676

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: US 60/193,483

; PRIOR FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: US 60/185,218

; PRIOR FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/167,363

; PRIOR FILING DATE: 1999-11-23

; PRIOR APPLICATION NUMBER: US 60/156,358

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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 8.99144 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52

Sequence: 1 caaaactaggtcaaaaggtca.....caaaactaggtcaaaaggtca 52

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents NA:*
- 1: /cgn2_6/prodata/2/ina/5A COMB.seq:*
 - 2: /cgn2_6/prodata/2/ina/5B COMB.seq:*
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 - 4: /cgn2_6/prodata/2/ina/6B COMB.seq:*
 - 5: /cgn2_6/prodata/2/ina/PCUS COMB.seq:*
 - 6: /cgn2_6/prodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	24.8	47.7	408	4	US-09-499-522-3
2	23.2	44.6	232	5	PCI-US93-06251-44
3	21.8	41.9	900	4	US-09-134-0000-1316
4	21.8	41.9	72928	3	US-09-009-913-1
5	21.4	41.2	352	4	US-09-023-655-361
6	21.2	40.8	2073	4	US-09-489-039A-6817
7	21.2	40.8	3135	4	US-08-956-171B-461
8	20.8	40.0	498	4	US-09-328-475C-218
9	20.8	40.0	541	4	US-09-404-879A-26
10	20.8	40.0	541	4	US-09-338-933-26
11	20.8	40.0	541	4	US-09-215-681-26
12	20.8	40.0	541	4	US-09-216-003A-26
13	20.8	40.0	1312	4	US-09-328-475C-335
14	20.8	40.0	3970	1	US-07-925-695-3
15	20.8	40.0	5531	4	US-09-620-312D-619
16	20.8	40.0	9589	1	US-07-925-695-1
17	20.8	40.0	9589	1	US-07-925-695-2
18	20.6	39.6	1298	4	US-09-311-784A-25
19	20.6	39.6	2072	4	US-09-725-735A-11
20	20.6	39.6	2455	1	US-08-073-807A-1
21	20.6	39.6	2829	4	US-09-489-039A-6811
22	20.6	39.6	4052	1	US-08-057-167-1
23	20.6	39.6	4052	5	PCT-US93-05412-1
24	20.6	39.6	5046	4	US-09-725-735A-13
25	20.6	39.6	246240	2	US-08-724-394A-20
26	20.6	39.6	246240	2	US-08-724-394A-21
27	20.6	39.6	246240	2	US-08-724-394A-22

c 28	20.4	39.2	3022	4	US-09-232-278A-8	Sequence 8, Appli
c 29	20.4	39.2	3177	3	US-09-058-489-50	Sequence 50, Appli
c 30	20.4	39.2	3674	1	US-08-105-483-324	Sequence 324, App
c 31	20.4	39.2	3674	1	US-08-709-209-324	Sequence 324, App
c 32	20.4	39.2	3674	1	US-08-458-101-324	Sequence 324, App
c 33	20.4	39.2	269223	4	US-09-596-002-41	Sequence 41, Appli
c 34	20.2	38.8	328	1	US-08-455-550-5	Sequence 5, Appli
c 35	20.2	38.8	1001	4	US-09-671-317-4	Sequence 4, Appli
c 36	20.2	38.8	1201	4	US-09-205-448-3	Sequence 3, Appli
c 37	20.2	38.8	2385	4	US-09-134-000C-2113	Sequence 2113, Ap
c 38	20.2	38.8	2931	4	US-09-623-624-1	Sequence 1, Appli
c 39	20.2	38.8	49312	4	US-09-671-317-485	Sequence 485, App
c 40	20.2	38.8	161652	4	US-09-497-855A-40	Sequence 40, Appli
c 41	20	38.5	451	4	US-09-621-976-1739	Sequence 1739, Ap
c 42	20	38.5	1365	4	US-09-540-236-331	Sequence 331, App
c 43	20	38.5	1434	4	US-09-328-352-3639	Sequence 3639, App
c 44	20	38.5	4808	1	US-08-351-413-17	Sequence 17, Appli
c 45	20	38.5	4808	2	US-09-025-583-17	Sequence 17, Appli

ALIGNMENTS

RESULT 1

US-09-499-522-3
; Sequence 3, Application US/09499522
; Patent No. 6479238
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Bihain, Bernard
; TITLE OF INVENTION: POLYMORPHIC MARKERS OF THE LSR GENE
; FILE REFERENCE: GENSET.053AUS
; CURRENT APPLICATION NUMBER: US/09/499,522
; CURRENT FILING DATE: 2000-02-10
; EARLIER APPLICATION NUMBER: US 60/119,592
; EARLIER FILING DATE: 1999-02-10
; EARLIER APPLICATION NUMBER: US 60/144,784
; EARLIER FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patent.pm
; SEQ ID NO 3
; LENGTH: 408
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 353
; OTHER INFORMATION: 99-14424-353 : polymorphic base A or G
; FEATURE:
; NAME/KEY: misc.binding
; LOCATION: 334..352
; OTHER INFORMATION: 99-14424-353.misl real
; FEATURE:
; NAME/KEY: misc.binding
; LOCATION: 354..376
; OTHER INFORMATION: 99-14424-353.mis2 potential, complement
; FEATURE:
; NAME/KEY: misc.binding
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer
; FEATURE:
; NAME/KEY: misc.binding
; LOCATION: 388..408
; OTHER INFORMATION: downstream amplification primer, complement
US-09-499-522-3

Query Match 47.7%; Score 24.8; DB 4; Length 408;
Best Local Similarity 80.6%; Pred. No. 0.49;
Matches 29; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 12 CAAGGTCTGTCTTAGGCCCAAACTAGGTCAAA 47

|||||

1 NUMBER OF SEQUENCES: 1508
2 CORRESPONDENCE ADDRESS:
3 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
4 STREET: 3174 PORTER DRIVE
5 CITY: PALO ALTO
6 STATE: CALIFORNIA
7 COUNTRY: USA
8 ZIP: 94304
9 COMPUTER READABLE FORM:
10 MEDIUM TYPE: Floppy disk
11 COMPUTER: IBM PC compatible
12 OPERATING SYSTEM: PC-DOS/MS-DOS
13 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
14 CURRENT APPLICATION DATA:
15 APPLICATION NUMBER: US/09/023,655
16 FILING DATE: HEREMITH
17 CLASSIFICATION:
18 PRIOR APPLICATION DATA:
19 APPLICATION NUMBER:
20 FILING DATE:
21 CLASSIFICATION:
22 ATTORNEY/AGENT INFORMATION:
23 NAME: Zeller, Karen J.
24 REGISTRATION NUMBER: 37,071
25 REFERENCE/DOCKET NUMBER: PA-0001 US
26 TELECOMMUNICATION INFORMATION:
27 TELEPHONE: (650) 855-0555
28 TELEFAX: (650) 845-4166
29 INFORMATION FOR SEQ ID NO: 361:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 352 base pairs
32 TYPE: nucleic acid
33 STRANDEDNESS: single
34 TOPOLOGY: linear
35 IMMEDIATE SOURCE:
36 LIBRARY: TLYMNOR01
37 CLONE: 146190
38 US-09-023-655-361
39
40 Query Match 41.2%; Score 21.4; DB 4; Length 352;
41 Best Local Similarity 71.8%; Pred. No. 11;
42 Matches 28; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
43
44 QY 4 AACTAGGTCAAAGGTCATGCTTTAGGCCCAAACTAGG 42
45 |||||||
46 Db 30 AATAGTCAATGGCTTATTTCTAGTTCACGACTAGG 68
47 |||||||
48
49 RESULT 6
50 US-09-489-039A-6817/c
51 ; Sequence 6817, Application US/09489039A
52 ; Patent No. 6610836
53 ; GENERAL INFORMATION:
54 ; APPLICANT: Gary Breton et. al
55 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
56 ; FILE REFERENCE: 2709.2004001
57 ; CURRENT APPLICATION NUMBER: US/09/489,039A
58 ; CURRENT FILING DATE: 2000-01-27
59 ; PRIOR APPLICATION NUMBER: US 60/117,747
60 ; PRIOR FILING DATE: 1999-01-29
61 ; NUMBER OF SEQ ID NOS: 14342
62 ; SEQ ID NO 6817
63 ; LENGTH: 2073
64 ; TYPE: DNA
65 ; ORGANISM: Klebsiella pneumoniae
66 US-09-489-039A-6817
67
68 Query Match 40.8%; Score 21.2; DB 4; Length 2073;
69 Best Local Similarity 76.5%; Pred. No. 22;
70 Matches 26; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
71
72 QY 9 GGTCAAAGGTCATGCTTTAGGCCCAAACTAGG 42
73 |||||||
74
75 Db 11 GGTCAAAGGTCATGCTTTAGGCCCAAACTAGG 42
76 |||||||
77
78 RESULT 7
79 US-08-956-171E-461/c
80 ; Sequence 461, Application US/08956171E
81 ; Patent No. 6593114
82 ; GENERAL INFORMATION:
83 ; APPLICANT: Charles Kunsch
84 ; Gil H. Choi
85 ; Patrick S. Dillon
86 ; Craig A. Rosen
87 ; Steven C. Barash
88 ; Michael R. Fannon
89 ; TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
90 ; NUMBER OF SEQUENCES: 5256
91 ; CORRESPONDENCE ADDRESS:
92 ADDRESSEE: Human Genome Sciences, Inc.
93 STREET: 9410 Key West Avenue
94 CITY: Rockville
95 STATE: Maryland
96 COUNTRY: USA
97 ZIP: 20850
98 ; COMPUTER READABLE FORM:
99 MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
100 COMPUTER: HP Vectra 486/33
101 OPERATING SYSTEM: MSDOS version 6.2
102 SOFTWARE: ASCII Text
103 CURRENT APPLICATION DATA:
104 APPLICATION NUMBER: US/08/956,171E
105 FILING DATE: 20-Oct-1997
106 CLASSIFICATION: <Unknown>
107 PRIOR APPLICATION DATA:
108 APPLICATION NUMBER: 60/009,861
109 FILING DATE: January 5, 1996
110 APPLICATION NUMBER: 08/781,986
111 FILING DATE: January 3, 1997
112 ATTORNEY/AGENT INFORMATION:
113 NAME: Mark J. Hyman
114 REGISTRATION NUMBER: 46,789
115 REFERENCE/DOCKET NUMBER: PB248P1
116 TELECOMMUNICATION INFORMATION:
117 TELEPHONE: (240) 314-1224
118 TELEFAX: (301) 309-8439
119 INFORMATION FOR SEQ ID NO: 461:
120 SEQUENCE CHARACTERISTICS:
121 LENGTH: 3135 base pairs
122 TYPE: nucleic acid
123 STRANDEDNESS: double
124 TOPOLOGY: linear
125 SEQUENCE DESCRIPTION: SEQ ID NO: 461:
126 US-08-956-171E-461
127
128 Query Match 40.8%; Score 21.2; DB 4; Length 3135;
129 Best Local Similarity 64.0%; Pred. No. 24;
130 Matches 32; Conservative 0; Mismatches 18; Indels 0; Gaps 0;
131
132 QY 1 CAAAAGTGGTCAAAGGTCATGCTTTAGGCCCAAACTAGGTCAAAGGT 50
133 |||||||
134 Db 2364 CAAAATTTATCTAAAGCCATACCTATAGATCAAAAGCCAACTCCAAAGT 2315
135 |||||||
136
137 RESULT 8
138 US-09-328-475C-218
139 ; Sequence 218, Application US/09328475C
140 ; Patent No. 6476207
141 ; GENERAL INFORMATION:
142 ; APPLICANT: Zhang, Jimmy
143 ; APPLICANT: Astel, Jon H.
144 ; APPLICANT: Carroll III, Eddie
145 ; APPLICANT: Endege, Wilson O.
146 ; APPLICANT: Ford, Donna M.

```
; APPLICANT: Monahan, John E.
; APPLICANT: Schlegel, Robert
; APPLICANT: Steinmann, Kathleen E.
; TITLE OF INVENTION: GENES AND GENE EXPRESSION PRODUCTS THAT
; ARE DIFFERENTIALLY REGULATED IN PROSTATE CANCER
; FILE REFERENCE: 1532.002/200130.463
; CURRENT APPLICATION NUMBER: US/09/328,475C
; CURRENT FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 218
; LENGTH: 498
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-328-475C-218

Query Match      40.0%; Score 20.8; DB 4; Length 498;
Best Local Similarity 64.6%; Pred. No. 22;
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAAGGTCATGCTCTTTAGGCCCAAACTAGGTCNAAGG 49
Db 152 AAACTAGGTCAGTGACTGCTCCACAGTTCCTCAAGGCTAATAAAATG 199

RESULT 9
US-09-404-879A-26/c
; Sequence 26, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C2
; CURRENT APPLICATION NUMBER: US/09/404,879A
; CURRENT FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 393
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-404-879A-26

Query Match      40.0%; Score 20.8; DB 4; Length 541;
Best Local Similarity 78.1%; Pred. No. 22;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGGTCAAAGGTCATGCTCTTTAGGCCCAAAA 37
Db 294 CAAGGTCAGAGGACATGCTTTTAGCCCCAAA 263

RESULT 10
US-09-338-933-26/c
; Sequence 26, Application US/09338933
; Patent No. 6488931
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer Lynn
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF
; TITLE OF INVENTION: OVARIAN CANCER
; FILE REFERENCE: 210121.462C1
; CURRENT APPLICATION NUMBER: US/09/338,933
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapien
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US-09-338-933-26

Query Match      40.0%; Score 20.8; DB 4; Length 541;
Best Local Similarity 78.1%; Pred. No. 22;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGGTCAAAGGTCATGCTCTTTAGGCCCAAAA 37
Db 294 CAAGGTCAGAGGACATGCTTTTAGCCCCAAA 263

RESULT 11
US-09-215-681-26/c
; Sequence 26, Application US/09215681A
; Patent No. 6528253
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Frudakis, Tony N.
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSIS
; TITLE OF INVENTION: OF OVARIAN CANCER
; FILE REFERENCE: 210121.463
; CURRENT APPLICATION NUMBER: US/09/215,681A
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 26
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-215-681-26

Query Match      40.0%; Score 20.8; DB 4; Length 541;
Best Local Similarity 78.1%; Pred. No. 22;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGGTCAAAGGTCATGCTCTTTAGGCCCAAAA 37
Db 294 CAAGGTCAGAGGACATGCTTTTAGCCCCAAA 263

RESULT 12
US-09-216-003A-26/c
; Sequence 26, Application US/09216003A
; Patent No. 6670463
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Frudakis, Tony N.
; APPLICANT: King, Gordon E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF OVARIAN CANCER
; FILE REFERENCE: 210121.462
; CURRENT APPLICATION NUMBER: US/09/216,003A
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 310
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 541
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-216-003A-26

Query Match      40.0%; Score 20.8; DB 4; Length 541;
Best Local Similarity 78.1%; Pred. No. 22;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 6 CTAGGTCAAAGGTCATGCTCTTTAGGCCCAAAA 37
Db 294 CAAGGTCAGAGGACATGCTTTTAGCCCCAAA 263

RESULT 13
US-09-328-475C-335/c
; Sequence 335, Application US/09328475C
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; Patent No. 6476207
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jimmy
; APPLICANT: Astel, Jon H.
; APPLICANT: Carrol III, Eddie
; APPLICANT: Endege, Wilson O.
; APPLICANT: Ford, Donna M.
; APPLICANT: Monahan, John E.
; APPLICANT: Steimann, Kathleen E.
; TITLE OF INVENTION: GENES AND GENE EXPRESSION PRODUCTS THAT
; ARE DIFFERENTIALLY REGULATED IN PROSTATE CANCER
; FILE REFERENCE: 1532.002/200130.463
; CURRENT APPLICATION NUMBER: US/09/328.475C
; CURRENT FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 335
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-328-475C-335

Query Match 40.0%; Score 20.8; DB 4; Length 1312;
Best Local Similarity 64.6%; Pred. No. 28;
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 2 AAAAAGGTCAGGTCATGCTTTAGGCCCAAACTAGGTCAAAGG 49
Db 1263 AAAAAGGTCAGGTCATGCTTTAGGCCCAAACTAGGTCAAAGG 49

RESULT 14
US-07-925-695-3
; Sequence 3, Application US/07925695
; Patent No. 5428145
; GENERAL INFORMATION:
; APPLICANT: OKAMOTO, Hiroaki
; APPLICANT: NAKAMURA, Tetsuo
; TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME.
; TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
; TITLE OF INVENTION: DETECTION SYSTEMS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, DeGrandi, Weillacher & Young
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/925.695
; FILING DATE: 19920807
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 287402/91
; FILING DATE: 09-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Weillacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEX: WUI 64470
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; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3970 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-925-695-3

Query Match 40.0%; Score 20.8; DB 1; Length 3970;
Best Local Similarity 64.8%; Pred. No. 38;
Matches 31; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 5 ACTAGGTCAAAGTCATGCTTTAGGCCCAAACTAGGTCAAAGGTCA 52
Db 1954 ACTGTCCAGGCACATGGCATCAATCCCAACATTAGGACTGGGGTCA 2001

RESULT 15
US-09-620-312D-619
; Sequence 619, Application US/09620312D
; Patent No. 6569662
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunqing
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Dmanac, Radoje T.
; TITLE OF INVENTION: No. 6569662el Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 619
; LENGTH: 5531
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (108)..(1856)
US-09-620-312D-619

Query Match 40.0%; Score 20.8; DB 4; Length 5531;
Best Local Similarity 70.0%; Pred. No. 41;
Matches 28; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 CAAAACCTAGGTCAAAGTCATGCTTTAGGCCCAAACTA 40
Db 2527 CTAAGTAGGTACTGTCATATCTTTTCCAAATATTA 2566

Search completed: April 9, 2004, 01:27:46
Job time : 10.9914 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 58.6809 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-4

Perfect score: 52

Sequence: 1 caaaactaggctcaagggtca.....caaaactaggctcaagggtca 52

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US05_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US09D_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/2/pubpna/US10E_NEW_PUB.seq:*
- 17: /cgn2_6/ptodata/2/pubpna/US10F_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/2/pubpna/US10G_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	52	100.0	52	9	US-09-808-388-4
2	24.8	47.7	408	14	US-10-214-684A-3
3	24.4	46.9	1350	12	US-10-282-122A-28035
C 4	23.6	45.4	1821	15	US-10-260-238-1420
C 5	23.4	45.0	480	15	US-10-027-632-51055
C 6	23.4	45.0	517	15	US-10-027-632-82715
7	23.2	44.6	12596	15	US-10-292-798-889
8	23.2	44.6	12839	14	US-10-017-161-1047
9	23	44.2	559	15	US-10-027-632-245490
10	23	44.2	559	15	US-10-027-632-245491
11	23	44.2	867	9	US-09-770-445-571
C 12	23	44.2	3077	14	US-10-128-714-349
C 13	23	44.2	3078	14	US-10-128-714-5349
C 14	22.8	43.8	60	10	US-09-877-705A-142
C 15	22.8	43.8	60	10	US-09-877-738A-142

16	22.8	43.8	559	15	US-10-027-632-271817	Sequence 271817,
17	22.8	43.8	632	15	US-10-027-632-271818	Sequence 271818,
C 18	22.8	43.8	659	15	US-10-027-632-11556	Sequence 11556, A
C 19	22.8	43.8	1248	15	US-10-027-632-124870	Sequence 124870, A
C 20	22.8	43.8	1418	10	US-09-814-353-21334	Sequence 21334, A
C 21	22.8	43.8	1461	12	US-10-282-122A-22438	Sequence 22438, A
C 22	22.6	43.5	1035	12	US-10-282-122A-15987	Sequence 15987, A
C 23	22.4	43.1	472	12	US-10-424-599-49385	Sequence 49385, A
C 24	22.4	43.1	971	12	US-10-425-114-11342	Sequence 11342, A
C 25	22.4	43.1	994	12	US-10-424-599-3951	Sequence 3951, Ap
C 26	22.4	43.1	4290	12	US-10-282-122A-16164	Sequence 16164, A
C 27	22.2	42.7	451	10	US-09-918-995-2661	Sequence 2661, Ap
C 28	22.2	42.7	456	10	US-09-918-995-15681	Sequence 15681, A
C 29	22.2	42.7	666	15	US-10-027-632-141504	Sequence 141504,
C 30	22.2	42.7	692	15	US-10-027-632-141503	Sequence 141503,
C 31	22.2	42.7	1079	15	US-10-027-632-262321	Sequence 262321,
32	22.2	42.7	42999	9	US-09-799-462A-17	Sequence 17, Appl
33	22.2	42.7	42999	10	US-09-836-911A-17	Sequence 17, Appl
34	22.2	42.7	42999	10	US-09-738-630-73	Sequence 73, Appl
35	22.2	42.7	42999	13	US-10-125-767-17	Sequence 17, Appl
36	22.2	42.7	42999	14	US-10-151-081-17	Sequence 17, Appl
37	22.2	42.7	42999	14	US-10-287-313-17	Sequence 17, Appl
38	22.2	42.7	42999	14	US-10-219-694-17	Sequence 17, Appl
C 39	22	42.3	584	15	US-10-369-493-25022	Sequence 25022, A
40	22	42.3	663	15	US-10-369-493-25665	Sequence 25665, A
41	22	42.3	1173	15	US-10-027-632-209694	Sequence 209694,
C 42	22	42.3	3837	14	US-10-032-585-6806	Sequence 6806, Ap
C 43	21.8	41.9	157	14	US-10-029-386-26113	Sequence 26113, A
44	21.8	41.9	352	9	US-09-770-791-681	Sequence 681, App
45	21.8	41.9	449	12	US-10-424-599-65926	Sequence 65926, A

ALIGNMENTS

RESULT 1

US-09-808-388-4
; Sequence 4, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising then
; FILE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 52
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-4

Query Match 100.0%; Score 52; DB 9; Length 52;
Best Local Similarity 100.0%; Pred. No. 8e-11;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAGGTCATGCTTTAGGCCCAAACTAGTCAAGGTCA 52
DB 1 CAAACTAGGTCAGGTCATGCTTTAGGCCCAAACTAGTCAAGGTCA 52

RESULT 2

US-10-214-684A-3
; Sequence 3, Application US/10214684A
; Publication No. US20030190636A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bouqueleret, Lydie
; APPLICANT: Bihain, Bernard
; TITLE OF INVENTION: POLYMORPHIC MARKERS OF THE LSR GENE
; FILE REFERENCE: G-057U504DIV
; CURRENT APPLICATION NUMBER: US/10/214,684A
; CURRENT FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 09/499,522
; PRIOR FILING DATE: 2000-02-10
; PRIOR APPLICATION NUMBER: US 60/119,592
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: US 60/144,784
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patent.pm
; SEQ ID NO 3
; LENGTH: 408
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 353
; OTHER INFORMATION: 99-14424-353 : polymorphic base A or G
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: 334..352
; OTHER INFORMATION: 99-14424-353.mis1 real
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: 354..376
; OTHER INFORMATION: 99-14424-353.mis2 potential, complement
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer
; FEATURE:
; NAME/KEY: misc binding
; LOCATION: 388..408
; OTHER INFORMATION: downstream amplification primer, complement
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 118..118
; OTHER INFORMATION: Any nucleotide.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 155..155
; OTHER INFORMATION: Any nucleotide.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 168..168
; OTHER INFORMATION: Any nucleotide.
US-10-214-684A-3

Query Match 47.7%; Score 24.8; DB 14; Length 408;
Best Local Similarity 80.6%; Pred. No. 7.1;
Matches 29; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 12 CAAAGGTCATGCTTTTAGGCCCAAACTAGGTCAA 47
DB 348 CACAGCATGGCTTTAGGCCCAAACTAGGTAAA 383

RESULT 3

US-10-282-122A-28035
; Sequence 28035, Application US/10282122A
; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangsu

; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari
; APPLICANT: Zyskind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; APPLICANT: Xu, H.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-03-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28035
; LENGTH: 1390
; TYPE: DNA
; ORGANISM: Mycoplasma pneumoniae
US-10-282-122A-28035

Query Match 46.9%; Score 24.4; DB 12; Length 1350;
Best Local Similarity 68.0%; Pred. No. 14;
Matches 34; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGGTCATGCTTTTAGGCCCAAACTAGGTCAAAGGT 50
DB 346 CCAAAGCAGGTCAACTGTCCTAACTGTAAGGCCCAATATTGGTCAGAAGT 395

RESULT 4

US-10-260-238-1420/c
; Sequence 1420, Application US/10260238
; Publication No. US20040016025A1
; GENERAL INFORMATION:

; APPLICANT: Budworth, Paul R.
; APPLICANT: Moughamer, Todd G.
; APPLICANT: Briggs, Steven P.
; APPLICANT: Cooper, Bret
; APPLICANT: Glazebrook, Jane
; APPLICANT: Goff, Stephen A.
; APPLICANT: Katagiri, Fumiyaki
; APPLICANT: Kreps, Joel
; APPLICANT: Provart, Nicholas
; APPLICANT: Ricke, Darrell
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
; FILE REFERENCE: 60111-NP
; CURRENT APPLICATION NUMBER: US/10/260,238
; CURRENT FILING DATE: 2002-09-26

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; PRIOR APPLICATION NUMBER: US 60/325,448
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/325,277
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 60/370,620
; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 6077
; SEQ ID NO 1420
; LENGTH: 1921
; TYPE: DNA
; ORGANISM: Oryza sativa
US-10-260-238-1420

Query Match      45.4%; Score 23.4; DB 15; Length 1821;
Best Local Similarity 69.6%; Pred. No. 31;
Matches 32; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 2 AAAAAGTGGTCAAGGTGATGCTTTAGGCCCCAAAAGTGGTCAAA 47
Db 1645 AAAGCAAGTAACAGTTGACATCATAGTCCAACTAGGACAAA 1600

RESULT 5
US-10-027-632-51055/c
; Sequence 51055, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51055
; LENGTH: 480
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51055

Query Match      45.0%; Score 23.4; DB 15; Length 480;
Best Local Similarity 81.8%; Pred. No. 26;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 CAAAAGTGGTCAAGGTGATGCTTTAGGCCCC 33
Db 137 CACACCTGGTCTAAGATAATGCTTTAGGCCCC 105

RESULT 6
US-10-027-632-82715
; Sequence 82715, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
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; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 82715
; LENGTH: 517
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-82715

Query Match      45.0%; Score 23.4; DB 15; Length 517;
Best Local Similarity 81.8%; Pred. No. 27;
Matches 27; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 CAAAAGTGGTCAAGGTGATGCTTTAGGCCCC 33
Db 330 CACACCTGGTCTAAGATAATGCTTTAGGCCCC 362

RESULT 7
US-10-292-798-889
; Sequence 889, Application US/10292798
; Publication No. US20030235833A1
; GENERAL INFORMATION:
; APPLICANT: SUWA, MAKIKO
; APPLICANT: ASAI, KIYOSHI
; APPLICANT: AKIYAMA, YUTAKA
; APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS
; FILE REFERENCE: 084335/166
; CURRENT APPLICATION NUMBER: US/10/292,798
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 10/017,161
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: JP 2001-246789
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 2070
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 889
; LENGTH: 12596
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; LOCATION: source
; FEATURE:
; LOCATION: (1)..(12596)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (201)..(240)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (962)..(1276)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (6614)..(6713)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (11526)..(12396)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (11526)..(12396)
; FILE REFERENCE: 108827.129
US-10-292-798-889
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Query Match 44.6%; Score 23.2; DB 15; Length 12596;
Best Local Similarity 77.8%; Pred. No. 76;
Matches 28; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCATGCTTTAGGCCCAAACTAGGT 43
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Db 8424 AGGTAAAGGTCAGGCTATCAGGCCAAAACCTGGT 8459
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RESULT 8

US-10-017-161-1047
; Sequence 1047, Application US/10017161
; Publication No. US20030143668A1
; GENERAL INFORMATION:
; APPLICANT: SUWA, MAKIKO
; APPLICANT: ASAI, KIYOSHI
; APPLICANT: AKIYAMA, YUTAKA
; APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 084335/0152
; CURRENT APPLICATION NUMBER: US/10/017,161
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: JP 2001/246789
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 2430
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1047
; LENGTH: 12839
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: source
; LOCATION: (1)..(12839)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (962)..(1276)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (3251)..(3350)
; OTHER INFORMATION: a, t, c, g, unknown or other
; NAME/KEY: modified base
; LOCATION: (12171)..(12270)
; OTHER INFORMATION: a, t, c, g, unknown or other
US-10-017-161-1047

Query Match 44.6%; Score 23.2; DB 14; Length 12839;
Best Local Similarity 77.8%; Pred. No. 76;
Matches 28; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCATGCTTTAGGCCCAAACTAGGT 43
|||||
Db 8553 AGGTAAAGGTCAGGCTATCAGGCCAAAACCTGGT 8588
|||||

RESULT 9

US-10-027-632-245490
; Sequence 245490, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 245490
; LENGTH: 559
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-245490

Query Match 44.2%; Score 23; DB 15; Length 559;
Best Local Similarity 68.1%; Pred. No. 39;
Matches 32; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 3 AAATAGGTCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAAGG 49
|||||
Db 167 AAGCATAGAAAAAAGGTCATGTGAAGGCTCAAAAGTAGGAGAAAGG 213
|||||

RESULT 10

US-10-027-632-245491
; Sequence 245491, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 245491
; LENGTH: 559
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-245491

Query Match 44.2%; Score 23; DB 15; Length 559;
Best Local Similarity 68.1%; Pred. No. 39;
Matches 32; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 3 AAATAGGTCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAAGG 49
|||||

Db 167 AAGCATAGAAAAAGGCATGTGTGAGGCTCAAAAGTAGGAAAGG 213

RESULT 11

US-09-770-445-571

; Sequence 571, Application US/09770445

; Patent No. US20020023281A1

; GENERAL INFORMATION:

; APPLICANT: Goriach, Jörn

; APPLICANT: An, Yong-Qiang

; APPLICANT: Hamilton, Carol M.

; APPLICANT: Price, Jennifer L.

; APPLICANT: Raines, Tracy M.

; APPLICANT: Yu, Yang

; APPLICANT: Rameaka, Joshua G.

; APPLICANT: Page, Amy

; APPLICANT: Matthew, Abraham V.

; APPLICANT: Ledford, Brooke L.

; APPLICANT: Woessner, Jeffrey P.

; APPLICANT: Haas, William David

; APPLICANT: Garcia, Carlos A.

; APPLICANT: Kicker, Maja

; APPLICANT: Slader, Ted

; APPLICANT: Davis, Keith R.

; APPLICANT: Allen, Keith

; APPLICANT: Hoffman, Neil

; APPLICANT: Hurlan, Patrick

; TITLE OF INVENTION: Expressed Sequences of Arabidopsis

; FILE REFERENCE: 2023US (PARA-012PRV)

; CURRENT APPLICATION NUMBER: US/09/770,445

; CURRENT FILING DATE: 2001-01-26

; PRIOR APPLICATION NUMBER: US 60/178,472

; PRIOR FILING DATE: 2000-01-27

; NUMBER OF SEQ ID NOS: 999

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 571

; LENGTH: 867

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)..(867)

; OTHER INFORMATION: n = A,T,C or G

US-09-770-445-571

Query Match 44.2%; Score 23; DB 9; Length 867;

Best Local Similarity 70.7%; Pred. No. 44;

Matches 29; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 7 TAGTCAAGGTCATGCTTTAGGCCCAAACTAGGTCAAA 47

Db 606 TAGTTACCAATCACTGCTTTGGCGCACTAGATNAA 646

RESULT 12

US-10-128-714-349/c

; Sequence 349, Application US/10128714

; Publication No. US20030119013A1

; GENERAL INFORMATION:

; APPLICANT: Jiang, Bo

; APPLICANT: Hu, Wenqi

; APPLICANT: Tishkoff, Daniel

; APPLICANT: Zamudio, Carlos

; APPLICANT: Eroshkin, Alexey M

; APPLICANT: Lemieux, Sebastien M

; TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and

; FILE REFERENCE: 10182-018-999

; CURRENT APPLICATION NUMBER: US/10/128,714

; CURRENT FILING DATE: 2002-04-23

; PRIOR APPLICATION NUMBER: US 60/285,697

; PRIOR FILING DATE: 2001-04-23

; PRIOR APPLICATION NUMBER: US 60/287,066

; PRIOR FILING DATE: 2001-04-27

; PRIOR APPLICATION NUMBER: US 60/295,890

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: US 60/303,899

; PRIOR FILING DATE: 2001-07-09

; PRIOR APPLICATION NUMBER: US 60/316,362

; PRIOR FILING DATE: 2001-08-31

; NUMBER OF SEQ ID NOS: 8603

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 349

; LENGTH: 3077

; TYPE: DNA

; ORGANISM: Aspergillus fumigatus

US-10-128-714-349

Query Match 44.2%; Score 23; DB 14; Length 3077;

Best Local Similarity 68.1%; Pred. No. 62;

Matches 32; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

Qy 2 AAACTAGGTCAAAGGTCATGCTTTAGGCCCAAACTAGGTCAAAG 48

Db 2623 AAGACTACGAGAAGATACATGCTTTAACACACGACTAAGTCATAG 2577

RESULT 13

US-10-128-714-5349/c

; Sequence 5349, Application US/10128714

; Publication No. US20030119013A1

; GENERAL INFORMATION:

; APPLICANT: Jiang, Bo

; APPLICANT: Hu, Wenqi

; APPLICANT: Tishkoff, Daniel

; APPLICANT: Zamudio, Carlos

; APPLICANT: Eroshkin, Alexey M

; APPLICANT: Lemieux, Sebastien M

; TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and

; FILE REFERENCE: 10182-018-999

; CURRENT APPLICATION NUMBER: US/10/128,714

; CURRENT FILING DATE: 2002-04-23

; PRIOR APPLICATION NUMBER: US 60/285,697

; PRIOR FILING DATE: 2001-04-23

; PRIOR APPLICATION NUMBER: US 60/287,066

; PRIOR FILING DATE: 2001-04-27

; PRIOR APPLICATION NUMBER: US 60/295,890

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: US 60/303,899

; PRIOR FILING DATE: 2001-07-09

; PRIOR APPLICATION NUMBER: US 60/316,362

; PRIOR FILING DATE: 2001-08-31

; NUMBER OF SEQ ID NOS: 8603

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5349

; LENGTH: 3078

; TYPE: DNA

; ORGANISM: Aspergillus fumigatus

US-10-128-714-5349

Query Match 44.2%; Score 23; DB 14; Length 3078;

Best Local Similarity 68.1%; Pred. No. 62;

Matches 32; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

Qy 2 AAACTAGGTCAAAGGTCATGCTTTAGGCCCAAACTAGGTCAAAG 48

Db 2624 AAGACTACGAGAAGATACATGCTTTAACACACGACTAAGTCATAG 2578

RESULT 14

US-09-877-705A-142/c

; Sequence 142, Application US/09877705A

; Publication No. US20030008283A1

; GENERAL INFORMATION:

```
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPTION FACTOR ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142
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```
Query Match 43.8%; Score 22.8; DB 10; Length 60;
Best Local Similarity 75.0%; Pred. No. 26;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGGTC-----ATGCTTTTAGGCCCAAACTAGGTCAAAGGTCA 52
   |||||
Db 60 CAAAACCTAGGTCAAAGGTCACAAAACCTAGGTCAAAGGTCACAAAACCTAGGTCAAAGGTCA 1
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```
RESULT 15
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142
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Query Match 43.8%; Score 22.8; DB 10; Length 60;
Best Local Similarity 75.0%; Pred. No. 26;
Matches 45; Conservative 0; Mismatches 7; Indels 8; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGGTC-----ATGCTTTTAGGCCCAAACTAGGTCAAAGGTCA 52
   |||||
Db 60 CAAAACCTAGGTCAAAGGTCACAAAACCTAGGTCAAAGGTCACAAAACCTAGGTCAAAGGTCA 1
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Search completed: April 9, 2004, 06:43:19
Job time : 58.6809 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 7.0894 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-3

Perfect score: 41

Sequence: 1 caaaactagggtcaaaaggtca.....caaaactagggtcaaaaggtca 41

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Issued Patents_NA.*

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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*

4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/2/ina/PTUS_COMB.seq.*

6: /cgn2_6/ptodata/2/ina/backfiles.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	23	56.1	580073	4	US-08-545-528D-1
C 2	22.4	54.6	3295	4	US-09-336-447A-8
C 3	22.4	54.6	3349	4	US-09-336-447A-2
C 4	21.2	51.7	1305	4	US-09-328-352-3178
C 5	21	51.2	865	3	US-09-328-111-128
C 6	20.4	49.8	910	3	US-09-328-111-129
C 7	20.4	49.8	3900	1	US-08-123-343A-6
C 8	20.2	49.3	1140	4	US-09-328-352-1678
C 9	20.2	49.3	2308	1	US-07-686-591-3
C 10	20.2	49.3	2308	1	US-07-970-715-3
C 11	20	48.8	966	4	US-09-328-352-1604
C 12	20	48.8	1200	4	US-09-222-938A-47
C 13	19.8	48.3	1797	2	US-08-366-490-5
C 14	19.8	48.3	1797	3	US-08-860-483A-5
C 15	19.8	48.3	1900	2	US-08-366-490-7
C 16	19.8	48.3	1900	3	US-08-860-483A-8
C 17	19.8	48.3	1900	3	US-08-860-483A-9
C 18	19.8	48.3	3172	4	US-09-976-594-400
C 19	19.8	48.3	15894	1	US-08-348-891A-1
C 20	19.8	48.3	15894	1	US-08-905-817-1
C 21	19.8	48.3	19056	3	US-08-905-817-1
C 22	19.8	48.3	19056	3	US-08-272-032-8
C 23	19.6	47.8	2868	2	US-09-443-218-8
C 24	19.6	47.8	2868	2	US-08-389-564B-3
C 25	19.4	47.3	384	4	US-08-466-047B-3
C 26	19.4	47.3	1143	4	US-09-107-532A-1817
C 27	19.4	47.3	1143	4	US-09-170-496D-61
C 28	19.4	47.3	1143	4	US-09-170-496D-197

C 28	19.4	47.3	1317	4	US-09-328-352-2385	Sequence 2385, Ap
C 29	19.4	47.3	1464	4	US-09-149-045-1	Sequence 1, Appli
C 30	19.4	47.3	1583	4	US-09-016-434-1365	Sequence 1365, Ap
C 31	19.4	47.3	1749	4	US-09-081-149-6	Sequence 6, Appli
C 32	19.4	47.3	1758	4	US-09-255-518C-4	Sequence 4, Appli
C 33	19.4	47.3	1834	4	US-09-843-472-5	Sequence 5, Appli
C 34	19.4	47.3	1872	1	US-08-153-848-39	Sequence 39, Appli
C 35	19.4	47.3	1872	3	US-09-299-843A-39	Sequence 39, Appli
C 36	19.4	47.3	1872	4	US-09-088-337B-39	Sequence 39, Appli
C 37	19.4	47.3	1872	5	FCT-US93-11153-39	Sequence 39, Appli
C 38	19.4	47.3	2462	4	US-09-220-132-70	Sequence 70, Appli
C 39	19.4	47.3	10432	4	US-09-919-172-97	Sequence 97, Appli
C 40	19.4	47.3	10432	4	US-09-976-594-21	Sequence 21, Appli
C 41	19.2	46.8	132	1	US-08-053-171-23	Sequence 23, Appli
C 42	19.2	46.8	849	4	US-09-540-236-656	Sequence 656, App
C 43	19.2	46.8	1001	4	US-09-641-638-480	Sequence 480, App
C 44	19.2	46.8	1001	4	US-09-641-638-481	Sequence 481, App
C 45	19.2	46.8	1001	4	US-09-641-638-482	Sequence 482, App

ALIGNMENTS

RESULT 1

US-08-545-528D-1/c

; Sequence 1, Application US/08545528D

; Patent No. 6537773

; GENERAL INFORMATION:

; APPLICANT: Fraser et al.

; TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragment

; Patent No. 6537773

; TITLE OF INVENTION: Thereof, and Uses Thereof

; FILE REFERENCE: P8193P1

; CURRENT APPLICATION NUMBER: US/08/545,528D

; PRIOR FILING DATE: 1995-10-19

; PRIOR APPLICATION NUMBER: US 08/488,018

; PRIOR FILING DATE: 1995-06-07

; PRIOR APPLICATION NUMBER: US 08/473,545

; NUMBER OF SEQ ID NOS: 1

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 580073

; TYPE: DNA

; ORGANISM: Mycoplasma genitalium

; US-08-545-528D-1

Query Match 56.1%; Score 23; DB 4; Length 580073;

Best Local Similarity 74.4%; Pred. No. 14;

Matches 29; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3 AAACAGGTCAAGGTCAATCAAACTAGGTCAAGGTCA 41

DB 21505 AAATTTGGTAAACAAATCAAAACCAAGATCA 21467

RESULT 2

US-09-336-447A-8

; Sequence 8, Application US/09336447A

; Patent No. 6310190

; GENERAL INFORMATION:

; APPLICANT: HANSEN, ERIC J.

; APPLICANT: AEBI, CHRISTOPH

; APPLICANT: COPE, LESLIE D.

; APPLICANT: MACIVER, ISOBEL

; APPLICANT: FISKE, MICHAEL J.

; APPLICANT: FREDENBURG, ROSS A.

; TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS

; FILE REFERENCE: AMCY.024

; CURRENT APPLICATION NUMBER: US/09/336,447A

; PRIOR FILING DATE: 1999-06-21

; NUMBER OF SEQ ID NOS: 98

; SOFTWARE: PatentIn Ver. 2.1

```
; SEQ ID NO 8
; LENGTH: 3295
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-8

Query Match          54.6%; Score 22.4; DB 4; Length 3295;
Best Local Similarity 72.5%; Pred. No. 6.4;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAAAGTGGTCAAGGTCATCAAACTAGGTCAAGGTC 40
Db 2118 CAAGATAATATCAAGATCTTCAGAGGAGGTCAAGGTC 2157

RESULT 3
US-09-336-447A-2
; Sequence 2, Application US/09336447A
; Patent No. 6310190
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP41 AND USP42 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY:024
; CURRENT APPLICATION NUMBER: US/09/336,447A
; CURRENT FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 3349
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-336-447A-2

Query Match          54.6%; Score 22.4; DB 4; Length 3349;
Best Local Similarity 72.5%; Pred. No. 6.5;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAAAGTGGTCAAGGTCATCAAACTAGGTCAAGGTC 40
Db 1311 CAAGATGATATCAAGATCTTCAGAGGAGGTCAAGGTC 1350

RESULT 4
US-09-328-352-3178/c
; Sequence 3178, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Berton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; FILE REFERENCE: GTG99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 3178
; LENGTH: 1305
; TYPE: DNA
; ORGANISM: Acinetobacter baumannii
US-09-328-352-3178

Query Match          51.7%; Score 21.2; DB 4; Length 1305;
Best Local Similarity 76.5%; Pred. No. 15;
Matches 26; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 2 AAAAGTGGTCAAGGTCATCAAACTAGGTCAA 35
Db 65 ATAAGAGGCGAAAGGTCTATAAACCCTAAGGCA 32
```

```
RESULT 5
US-09-328-111-128/c
; Sequence 128, Application US/09328111
; Patent No. 6262333
; GENERAL INFORMATION:
; APPLICANT: Endege, Wilson O.
; APPLICANT: Steinmann, Kathleen E.
; APPLICANT: Astie, Jon H.
; APPLICANT: Burgess, Christopher C.
; APPLICANT: Bushnell, Steven E.
; APPLICANT: Carroll III, Eddie
; APPLICANT: Catino, Theodore J.
; APPLICANT: Derti, Adnan
; APPLICANT: Ford, Donna M.
; APPLICANT: Lewis, Marcia E.
; APPLICANT: Monahan, John E.
; APPLICANT: Schlegel, Robert
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; FILE REFERENCE: CCD-257 (US)
; CURRENT APPLICATION NUMBER: US/09/328,111
; CURRENT FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: US 60/088,801
; EARLIER FILING DATE: 1998-06-10
; NUMBER OF SEQ ID NOS: 850
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 128
; LENGTH: 865
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc feature
; LOCATION: (1)---(865)
; OTHER INFORMATION: n = A,T,C or G
US-09-328-111-128

Query Match          51.2%; Score 21; DB 3; Length 865;
Best Local Similarity 71.1%; Pred. No. 16;
Matches 27; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAAAGTGGTCAAGGTCATCAAACTAGGTCAAGG 38
Db 595 CAAAATAAGNCAAGGCGAAAGGAACCTTGCCAAAGG 558

RESULT 6
US-09-328-111-129
; Sequence 129, Application US/09328111
; Patent No. 6262333
; GENERAL INFORMATION:
; APPLICANT: Endege, Wilson O.
; APPLICANT: Steinmann, Kathleen E.
; APPLICANT: Astie, Jon H.
; APPLICANT: Burgess, Christopher C.
; APPLICANT: Bushnell, Steven E.
; APPLICANT: Carroll III, Eddie
; APPLICANT: Catino, Theodore J.
; APPLICANT: Derti, Adnan
; APPLICANT: Ford, Donna M.
; APPLICANT: Lewis, Marcia E.
; APPLICANT: Monahan, John E.
; APPLICANT: Schlegel, Robert
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; FILE REFERENCE: CCD-257 (US)
; CURRENT APPLICATION NUMBER: US/09/328,111
; CURRENT FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: US 60/088,801
; EARLIER FILING DATE: 1998-06-10
; NUMBER OF SEQ ID NOS: 850
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
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LOCATION: 694..2118
OTHER INFORMATION:
US-07-686-591-3

Query Match 49.3%; Score 20.2; DB 1; Length 2308;
Best Local Similarity 68.3%; Pred. No. 44;
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCATCAAACTAGGTCAAAGGTCA 41
||| | | | | | | | | | | | | | | | | | | | |
Db 1539 CAAGAAGGAGACCAAGGTCCTTCAAAACCCCTGTCAATGATCA 1579

RESULT 10

US-07-970-715-3
Sequence 3, Application US/07970715
Patent No. 5245011
GENERAL INFORMATION:
APPLICANT: Tiberi, Mario
APPLICANT: Jarvie, Keith R.
APPLICANT: Caron, Marc G.
TITLE OF INVENTION: Cloned Gene Encoding Rat D1B Dopamine Receptor
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5245011th Carolina
COUNTRY: U.S.A.
ZIP: 28234

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/970,715
FILING DATE: 19921103

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/686,591
FILING DATE: 4/6/91
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-881-3140
TELEFAX: 919-881-3175
TELEX: 575102

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 2308 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: N
ANTI-SENSE: N
FEATURE:
NAME/KEY: CDS
LOCATION: 694..2118
OTHER INFORMATION:

US-07-970-715-3

Query Match 49.3%; Score 20.2; DB 1; Length 2308;
Best Local Similarity 68.3%; Pred. No. 44;
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCATCAAACTAGGTCAAAGGTCA 41
||| | | | | | | | | | | | | | | | | | | | |
Db 1539 CAAGAAGGAGACCAAGGTCCTTCAAAACCCCTGTCAATGATCA 1579

RESULT 11

US-09-328-352-1604
Sequence 1604, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GFC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 1604
LENGTH: 966
TYPE: DNA
ORGANISM: Acinetobacter baumannii

US-09-328-352-1604

Query Match 48.8%; Score 20; DB 4; Length 966;
Best Local Similarity 72.2%; Pred. No. 42;
Matches 26; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCATCAAACTAGGTCAAA 36
||| | | | | | | | | | | | | | | | | | | | |
Db 161 CAAAGCTATTAAAAAGTCTTCAAAAAATTCATGAAA 196

RESULT 12

US-09-222-938A-47/c
Sequence 47, Application US/09222938A
Patent No. 6437108
GENERAL INFORMATION:
APPLICANT: Youngman, Philip
APPLICANT: Fritze, Christian
APPLICANT: Murphy, Christopher
APPLICANT: Guzman, Luz-Maria
TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE
CURRENT APPLICATION NUMBER: US/09/222,938A
CURRENT FILING DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 102
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 47
LENGTH: 1200
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
NAME/KEY: CDS
FEATURE:
LOCATION: (95)...(1126)
US-09-222-938A-47

Query Match 48.8%; Score 20; DB 4; Length 1200;
Best Local Similarity 72.2%; Pred. No. 45;
Matches 26; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 6 CTAGGTCAAAGGTCATCAAACTAGGTCAAAGGTCA 41
||| | | | | | | | | | | | | | | | | | | | |
Db 542 CTGGTCAAAATCCTTCAGATTTGTTCAAGGTGA 507

RESULT 13

US-08-366-490-5
Sequence 5, Application US/08366490
Patent No. 5877403
GENERAL INFORMATION:
APPLICANT: McMaster, J. Russell
APPLICANT: Boeshore, Maury L
APPLICANT: Tricoli, David M
APPLICANT: Reynolds, John F
APPLICANT: Carney, Kim J
TITLE OF INVENTION: PAPAYA RINGSPOT VIRUS PROTEASE GENE
NUMBER OF SEQUENCES: 10


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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/366,490
; FILING DATE: 30-DEC-1994
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitzpatrick, Cella, Harper, and Scinto
; REFERENCE/DOCKET NUMBER: 4869
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-2400
; TELEFAX: 212-758-2982
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1900 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: PAPAYA RINGSPOT VIRUS
; STRAIN: P-TYPE
; INDIVIDUAL ISOLATE: Hawaii
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..1900
; PUBLICATION INFORMATION:
; AUTHORS: Yeh, SD
; AUTHORS: Jan, F
; AUTHORS: Chiang, C
; AUTHORS: Doong, T
; AUTHORS: Chen, M
; AUTHORS: Chung, P
; AUTHORS: Bau, H
; TITLE: Complete nucleotide sequence and genetic
; TITLE: organization of papaya ringspot virus.
; JOURNAL: J. Gen. Virol.
; VOLUME: 73
; PAGES: 2531-
; DATE: 1992
;
US-08-366-490-7

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Query Match      48.3%; Score 19.8; DB 2; Length 1900;
Best Local Similarity 69.2%; Pred. No. 60;
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

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QY      1 CAAAGCTAGGTCAAAGTCAATCAAACTAGGTCAAAGGT 39
      |||||
Db      1226 CAGAGCTAGGTTAGGCCCAAGAAAGCTGGGGACAAGGT 1264

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Search completed: April 9, 2004, 01:27:44
Job time : 9.0894 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 46.2677 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-3
Perfect score: 41
Sequence: 1 caaaactaggtcaaaaggtca.....caaaactaggtcaaaaggtca 41

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 247585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA.*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
- 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	41	100.0	41	9	US-09-808-388-3
2	41	100.0	332	9	US-09-808-388-6
3	29	70.7	60	10	US-09-877-705A-142
4	29	70.7	60	10	US-09-877-738A-142
5	25	61.0	38	9	US-09-808-388-2
6	23.6	57.6	177556	10	US-09-952-213D-6
7	23.2	56.6	582	12	US-10-424-599-53103
8	23	56.1	580073	14	US-10-205-220-1
9	22.4	54.6	862	12	US-10-424-599-139279
10	22.4	54.6	3295	10	US-09-952-267-8
11	22.4	54.6	3349	10	US-09-952-267-2
12	22.2	54.1	3130	12	US-10-424-599-56034
13	22	53.7	2940917	15	US-10-027-632-174763
14	21.6	52.7	785	15	US-10-027-632-158188
15	21.6	52.7	785	15	US-10-027-632-158189

C 16	21.6	52.7	715517	15	US-10-027-632-53712	Sequence 53712, A
C 17	21.4	52.2	430	14	US-10-102-524-1082	Sequence 1082, Ap
C 18	21.4	52.2	474	10	US-09-918-998-29668	Sequence 29668, A
C 19	21.4	52.2	512	14	US-10-102-524-433	Sequence 433, App
C 20	21.4	52.2	634	14	US-10-060-036-215	Sequence 215, App
C 21	21.4	52.2	910	14	US-10-190-312A-86	Sequence 86, Appl
C 22	21.4	52.2	978	15	US-10-027-632-32444	Sequence 32444, A
C 23	21.4	52.2	2595	14	US-10-106-698-451	Sequence 451, App
C 24	21.4	52.2	2930	9	US-09-960-253-156	Sequence 156, App
C 25	21.4	52.2	3044	9	US-09-880-107-3718	Sequence 3718, Ap
C 26	21.4	52.2	3047	9	US-09-864-864-329	Sequence 329, App
C 27	21.4	52.2	3064	14	US-10-007-926A-53	Sequence 53, Appl
C 28	21.4	52.2	3115	9	US-09-925-299-123	Sequence 123, App
C 29	21.4	52.2	3115	10	US-09-925-299-123	Sequence 123, App
C 30	21.4	52.2	3166	15	US-10-159-563-357	Sequence 357, App
C 31	21.4	52.2	5253	12	US-10-424-599-131924	Sequence 131924, A
C 32	21.2	51.7	532	9	US-09-864-761-7870	Sequence 7870, Ap
C 33	21.2	51.7	1299	12	US-10-282-132A-8799	Sequence 8799, Ap
C 34	21.2	51.7	1900	12	US-10-424-599-129901	Sequence 129901, A
C 35	21	51.2	52	9	US-09-808-388-4	Sequence 4, Appli
C 36	21	51.2	602	15	US-10-027-632-168	Sequence 168, App
C 37	21	51.2	611	15	US-10-027-632-294268	Sequence 294268, A
C 38	21	51.2	613	15	US-10-027-632-54461	Sequence 54461, A
C 39	21	51.2	624	15	US-10-027-632-228822	Sequence 228822, A
C 40	21	51.2	752	15	US-10-131-827-8209	Sequence 8209, Ap
C 41	21	51.2	865	9	US-09-879-536-128	Sequence 128, App
C 42	21	51.2	9218	10	US-09-764-872-951	Sequence 951, App
C 43	21	51.2	1503841	9	US-09-795-668-1	Sequence 1, Appli
C 44	21	51.2	1503841	9	US-09-795-686-1	Sequence 1, Appli
C 45	21	51.2	1503841	9	US-09-946-807-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising ther
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-3

Query Match 100.0%; Score 41; DB 9; Length 41;
Best Local Similarity 100.0%; Pred. No. 3.8e+06;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAAGGTCAATCAAACTAGGTCAAGGTCA 41
DB 1 CAAACTAGGTCAAAAGGTCAATCAAACTAGGTCAAGGTCA 41

RESULT 2
 US-09-808-388-6
 ; Sequence 6, Application US/09808388
 ; Patent No. US20020081719A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Massaad, Charbel
 ; APPLICANT: Berenbaum, Francis
 ; APPLICANT: Olivier, Jean-Luc
 ; APPLICANT: Salvat, Colette
 ; APPLICANT: Berezat, Gilbert
 ; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
 ; FILE REFERENCE: ST00010
 ; CURRENT APPLICATION NUMBER: US/09/808,388
 ; PRIOR FILING DATE: 2001-03-20
 ; PRIOR APPLICATION NUMBER: FR/00/03262
 ; PRIOR FILING DATE: 2000-03-14
 ; PRIOR APPLICATION NUMBER: US 60/196,959
 ; PRIOR FILING DATE: 2000-04-13
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 332
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PPRE/PLA2s hybrid promoter
 ; US-09-808-388-6

Query Match 100.0%; Score 41; DB 9; Length 332;
 Best Local Similarity 100.0%; Pred. No. 6; 9e-06;
 Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 41
 Db 13 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 53

RESULT 3
 US-09-877-705A-142/c
 ; Sequence 142, Application US/09877705A
 ; Publication No. US20030008283A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Li, Jason
 ; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
 ; FILE REFERENCE: 26757-704
 ; CURRENT APPLICATION NUMBER: US/09/877,705A
 ; PRIOR FILING DATE: 2001-08-16
 ; NUMBER OF SEQ ID NOS: 162
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 142
 ; LENGTH: 60
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Hybridization probe MP68
 ; US-09-877-705A-142

Query Match 70.7%; Score 29; DB 10; Length 60;
 Best Local Similarity 97.6%; Pred. No. 0.14;
 Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 1 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 41
 Db 60 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 21

RESULT 4
 US-09-877-738A-142/c
 ; Sequence 142, Application US/09877738A
 ; Publication No. US20030022173A1
 ; GENERAL INFORMATION:

; APPLICANT: Li, Jason
 ; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
 ; FILE REFERENCE: 26757-701
 ; CURRENT APPLICATION NUMBER: US/09/877,738A
 ; CURRENT FILING DATE: 2001-06-01
 ; NUMBER OF SEQ ID NOS: 162
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 142
 ; LENGTH: 60
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Hybridization probe MP68
 ; US-09-877-738A-142

Query Match 70.7%; Score 29; DB 10; Length 60;
 Best Local Similarity 97.6%; Pred. No. 0.14;
 Matches 40; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Qy 1 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 41
 Db 60 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 21

RESULT 5
 US-09-808-388-2
 ; Sequence 2, Application US/09808388
 ; Patent No. US20020081719A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Massaad, Charbel
 ; APPLICANT: Berenbaum, Francis
 ; APPLICANT: Olivier, Jean-Luc
 ; APPLICANT: Salvat, Colette
 ; APPLICANT: Berezat, Gilbert
 ; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
 ; FILE REFERENCE: ST00010
 ; CURRENT APPLICATION NUMBER: US/09/808,388
 ; PRIOR FILING DATE: 2001-03-20
 ; PRIOR APPLICATION NUMBER: FR/00/03262
 ; PRIOR FILING DATE: 2000-03-14
 ; PRIOR APPLICATION NUMBER: US 60/196,959
 ; PRIOR FILING DATE: 2000-04-13
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2
 ; LENGTH: 38
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PPRE element
 ; US-09-808-388-2

Query Match 61.0%; Score 25; DB 9; Length 38;
 Best Local Similarity 92.7%; Pred. No. 4.1;
 Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

Qy 1 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 41
 Db 1 CAAACTAGGTCAAAGGTCTATCAAACTAGGTCAAAGGTCA 38

RESULT 6
 US-09-952-213D-6/c
 ; Sequence 6, Application US/09952213D
 ; Publication No. US20030096240A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MURAD, PERID
 ; APPLICANT: SHARINA, IRAIDA G.
 ; APPLICANT: KRUMENACKER, J. S.
 ; APPLICANT: MARTIN, E.
 ; TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC

FILE REFERENCE: UTSH:252US
 CURRENT APPLICATION NUMBER: US/09/952,213D
 CURRENT FILING DATE: 2002-08-16
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 6
 LENGTH: 177556
 TYPE: DNA
 ORGANISM: Mus musculus
 NAME/KEY: modified base
 LOCATION: (2293..14567)
 OTHER INFORMATION: N = A, C, T/U OR G
 US-09-952-213D-6

Query Match 57.6%; Score 23.6; DB 10; Length 177556;
 Best Local Similarity 76.3%; Pred. No. 1.1e+02;
 Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAAGGTCAATCAAACTAGGTCAAAGGT 39
 |||||
 Db 120237 AAATCCAGTGAGAGTCAATGAGGCTTGGCAAGGT 120200

RESULT 7

US-10-424-599-53103/c
 Sequence 53103, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 53103
 LENGTH: 582
 TYPE: DNA
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_18965C.1
 US-10-424-599-53103

Query Match 56.6%; Score 23.2; DB 12; Length 582;
 Best Local Similarity 77.8%; Pred. No. 38;
 Matches 28; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGGTCAATCAAACTAGGTCAA 36
 |||||
 Db 527 CAACCTAGTCAAAGGTAACTTACTAGGTGATA 492

RESULT 8

US-10-205-220-1/c
 Sequence 1, Application US/10205220
 Publication No. US20030170663A1
 GENERAL INFORMATION:
 APPLICANT: Fraser et al.
 TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragment
 TITLE OF INVENTION: Thereof, and Uses Thereof
 FILE REFERENCE: PB193PDI
 CURRENT APPLICATION NUMBER: US/10/205,220
 CURRENT FILING DATE: 2002-07-26
 PRIOR FILING DATE: 1995-10-19
 PRIOR FILING DATE: 1995-10-19
 PRIOR FILING DATE: 1995-10-19
 PRIOR FILING DATE: 1995-06-07
 PRIOR FILING DATE: 1995-06-07
 PRIOR FILING DATE: 1995-06-07

NUMBER OF SEQ ID NOS: 1
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1
 LENGTH: 580073
 TYPE: DNA
 ORGANISM: Mycoplasma genitalium
 US-10-205-220-1

Query Match 56.1%; Score 23; DB 14; Length 580073;
 Best Local Similarity 74.4%; Pred. No. 2.5e+02;
 Matches 29; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3 AAACTAGGTCAAAGGTCAATCAAACTAGGTCAAAGGTCA 41
 |||||
 Db 21505 AAATTGGTAAACAAATCAAAACAGATCAAGATCA 21467

RESULT 9

US-10-424-599-139279/c
 Sequence 139279, Application US/10424599
 Publication No. US20040031072A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa Thomas J
 APPLICANT: Kovalic David K
 APPLICANT: Zhou Yihua
 APPLICANT: Cao Yongwei
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
 TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53223)B
 CURRENT APPLICATION NUMBER: US/10/424,599
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 285684
 SEQ ID NO 139279
 LENGTH: 862
 TYPE: DNA
 ORGANISM: Glycine max
 FEATURE:
 OTHER INFORMATION: Clone ID: PAT_MRT3847_96777C.1
 US-10-424-599-139279

Query Match 54.6%; Score 22.4; DB 12; Length 862;
 Best Local Similarity 72.5%; Pred. No. 85;
 Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAAGGTCAATCAAACTAGGTCAAAGGTCA 41
 |||||
 Db 631 AAGTATGACAAAGGTGATGACAAAGGTCAAAGGTCA 592

RESULT 10

US-09-952-267-8
 Sequence 8, Application US/09952267
 Publication No. US20030032772A1
 GENERAL INFORMATION:
 APPLICANT: HANSEN, ERIC J.
 APPLICANT: AEBI, CHRISTOPH
 APPLICANT: COPE, LESLIE D.
 APPLICANT: MACIVER, ISOBEL
 APPLICANT: FISKE, MICHAEL J.
 APPLICANT: FREDENBURG, ROSS A.
 TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
 FILE REFERENCE: AMCY:024
 CURRENT APPLICATION NUMBER: US/09/952,267
 CURRENT FILING DATE: 2001-09-12
 PRIOR FILING DATE: 1999-06-21
 PRIOR FILING DATE: 1999-06-21
 NUMBER OF SEQ ID NOS: 98
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 8
 LENGTH: 3295
 TYPE: DNA
 ORGANISM: Moraxella catarrhalis
 US-09-952-267-8

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Query Match      54.6%; Score 22.4; DB 10; Length 3295;
Best Local Similarity 72.5%; Pred. No. 1.2e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAAAGTCTAGTCAAGAGTCTCAAAAGTCTAGTCAAGGTC 40
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 2118 CAAGATAATCAAGAGTCTTCAAGAGGAGTGAAGGTC 2157

RESULT 11
US-09-952-267-2
; Sequence 2, Application US/09952267
; Publication No. US20030032772A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, ERIC J.
; APPLICANT: AEBI, CHRISTOPH
; APPLICANT: COPE, LESLIE D.
; APPLICANT: MACIVER, ISOBEL
; APPLICANT: FISKE, MICHAEL J.
; APPLICANT: FREDENBURG, ROSS A.
; TITLE OF INVENTION: USP11 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
; FILE REFERENCE: AMCY.024
; CURRENT APPLICATION NUMBER: US/09/952,267
; CURRENT FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: 09/336,447
; PRIOR FILING DATE: 1999-06-21
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 3349
; TYPE: DNA
; ORGANISM: Moraxella catarrhalis
US-09-952-267-2

Query Match      54.6%; Score 22.4; DB 10; Length 3349;
Best Local Similarity 72.5%; Pred. No. 1.2e+02;
Matches 29; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1 CAAAAGTCTAGTCAAGAGTCTCAAAAGTCTAGTCAAGGTC 40
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1311 CAAGATGATCAAGAGTCTTCAAGAGGAGTGAAGGTC 1350

RESULT 12
US-10-424-599-56034
; Sequence 56034, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 56034
; LENGTH: 3130
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(3130)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_2160C.1
US-10-424-599-56034

Query Match      54.1%; Score 22.2; DB 12; Length 3130;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
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Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 AAGGTCATCAAAAGTCTAGTCAAGGTC 39
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1451 AAGGGTCATCAAAAGTCTGGGTCAAAGTT 1477

RESULT 13
US-10-027-632-174763/c
; Sequence 174763, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 174763
; LENGTH: 2940917
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)....(2940917)
; OTHER INFORMATION: n = A,T,C or G
US-10-027-632-174763

Query Match      53.7%; Score 22; DB 15; Length 2940917;
Best Local Similarity 78.1%; Pred. No. 6.5e+02;
Matches 25; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 CAAAAGTCTAGTCAAGGTCATCAAAAGTCTAGGTC 32
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 30277 CAAAAGTCTAGGTCAGAGGTTATCAATAGAGTC 30246

RESULT 14
US-10-027-632-158188/c
; Sequence 158188, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
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; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 158188
; LENGTH: 785
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-158188

Query Match 52.7%; Score 21.6; DB 15; Length 785;
Best Local Similarity 75.0%; Pred. No. 1.7e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
QY 1 CAAACTAGGTCAAGGTCATCAAACTAGGTCAA 36
Db 233 CAACCTAAGTCATAGGAACCAAAAGAGGCCAA 198

RESULT 15
US-10-027-632-158189/c
; Sequence 158189, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 158189
; LENGTH: 785
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-158189

Query Match 52.7%; Score 21.6; DB 15; Length 785;
Best Local Similarity 75.0%; Pred. No. 1.7e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
QY 1 CAAACTAGGTCAAGGTCATCAAACTAGGTCAA 36
Db 233 CAACCTAAGTCATAGGAACCAAAAGAGGCCAA 198

Search completed: April 9, 2004, 06:43:19
Job time : 54.2677 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 6.57066 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-2
Perfect score: 38
Sequence: 1 caaaactagggtcaaaaggtcaaaactagggtcaaaaggtca 38

Scoring table: IDENTITY_NUC
Gapop 10_0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA.*
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22	57.9	5910	1	US-08-195-814-1
2	22	57.9	5910	1	US-08-195-814-1
3	20.6	54.2	10953	4	US-08-956-171E-62
4	20.4	53.7	421	4	US-09-621-976-12838
5	20.4	53.7	3539	4	US-09-245-248B-59
6	20.4	53.7	3853	4	US-09-245-248B-53
7	20.4	53.7	4797	4	US-09-419-568F-25
8	20.4	53.7	4797	4	US-09-354-243B-25
9	20.2	53.2	11443	4	US-08-961-527-49
10	20	52.6	47	4	US-09-422-978-3108
11	19.8	52.1	786431	4	US-09-751-389-3
12	19.6	51.6	328	4	US-09-621-976-9939
13	19.6	51.6	2991	3	US-08-795-430-48
14	19.6	51.6	2991	4	US-09-355-700-48
15	19.6	51.6	3083	4	US-09-976-594-1022
16	19.6	51.6	66986	4	US-09-596-002-29
17	19.6	51.6	148567	4	US-09-801-876B-3
18	19.6	51.6	148567	4	US-10-254-869-3
19	19.6	51.6	152331	3	US-09-128-155-16
20	19.6	51.6	176373	3	US-09-128-155-17
21	19.4	51.1	321	1	US-08-322-742-11
22	19.4	51.1	478	4	US-09-023-655-1233
23	19.4	51.1	571	1	US-08-322-742-14
24	19.4	51.1	861	4	US-09-540-236-1011
25	19.4	51.1	2309	4	US-09-016-434-1249
26	19.4	51.1	3592	3	US-08-714-918-63
27	19.4	51.1	3592	3	US-09-265-315-63

28	19.4	51.1	3592	3	US-09-265-315-63	Sequence 63, Appl
29	19.4	51.1	3592	3	US-09-266-417-63	Sequence 63, Appl
30	19.4	51.1	3592	4	US-09-528-709-63	Sequence 63, Appl
31	19.4	51.1	3592	4	US-09-527-745-63	Sequence 63, Appl
32	19.4	51.1	6464	1	US-08-321-478-2	Sequence 2, Appl
33	19.4	51.1	6464	1	US-08-321-478-4	Sequence 4, Appl
34	19.4	51.1	6464	1	US-08-321-478-6	Sequence 6, Appl
35	19.4	51.1	269223	4	US-09-596-002-41	Sequence 41, Appl
36	19	50.0	500	4	US-09-866-108A-15751	Sequence 15751, A
37	19	50.0	1288	4	US-09-724-864-16	Sequence 16, Appl
38	19	50.0	1846	4	US-09-336-536-37	Sequence 37, Appl
39	18.8	49.5	481	4	US-08-956-171E-730	Sequence 730, Appl
40	18.8	49.5	1233	4	US-09-489-039A-2858	Sequence 2858, Ap
41	18.8	49.5	1380	4	US-09-489-039A-2890	Sequence 2890, Ap
42	18.8	49.5	2403	1	US-08-454-720A-41	Sequence 41, Appl
43	18.8	49.5	3061	2	US-08-692-787-47	Sequence 47, Appl
44	18.8	49.5	3061	2	US-09-097-199-47	Sequence 47, Appl
45	18.8	49.5	3537	4	US-09-245-248B-58	Sequence 58, Appl

ALIGNMENTS

RESULT 1
US-08-195-814-1
; Sequence 1, Application US/08195814
; Patent No. 5547869
; GENERAL INFORMATION:
; APPLICANT: DUMAS, BRUNO; GERVAIS, MONICA;
; APPLICANT: BERGION, MAX; JOURDAN, MIREITTE; JOUSSET,
; APPLICANT: FRANCOISE XAVIERE
; TITLE OF INVENTION: NOVEL PLASMIDS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN AND MUSERLIAN
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/195,814
; FILING DATE: 14-FEB-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/881,054
; FILING DATE: 11-MAY-1992
; APPLICATION NUMBER: 07/278,735
; FILING DATE: 2-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 146.1029-1
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5910
; TYPE: NUCLEIC ACID
; STRANDEDNESS: UNKNOWN
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: DENSOVIRUS OF JUNONIA
; STRAIN: DENSOVIRUS OF JUNONIA
; INDIVIDUAL ISOLATE:

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/ STRANDEDNESS: UNKNOWN
/ TOPOLOGY: UNKNOWN
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ORIGINAL SOURCE:
/ ORGANISM: DENSOVIRUS
/ STRAIN: DENSOVIRUS OF JUNONIA
/ INDIVIDUAL ISOLATE:
/ DEVELOPMENTAL STAGE: LARVAE
/ HAPLOTYPE:
/ TISSUE TYPE:
/ CELL TYPE: SPODOPTERA LITTORALIS
/ CELL LINE:
/ ORGANELLE:
/ FEATURE:
/ LOCATION: 1
/ OTHER INFORMATION: N IS A OR C OR G OR T,
/ OTHER INFORMATION: WHEREIN N IS ZERO TO 50 NUCLEOTIDES IN LENGTH
/ FEATURE:
/ LOCATION: 1657
/ OTHER INFORMATION: M IS A OR C
/ FEATURE:
/ LOCATION: 5619
/ OTHER INFORMATION: Y IS C OR T
/ FEATURE:
/ LOCATION: 5910
/ OTHER INFORMATION: N IS A OR C OR G OR T,
/ OTHER INFORMATION: WHEREIN N IS ZERO TO 130 NUCLEOTIDES IN LENGTH
/ US-08-195-814-1
/
/ Query Match 57.9%; Score 22; DB 1; Length 5910;
/ Best Local Similarity 73.7%; Pred No. 12;
/ Matches 28; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
/
/ QY 1 CAAACTAGGTCAAAGGTCAAAACACTAGGTCAAAGGTCA 38
/ DB ||||| ||||| ||||| ||||| ||||| ||||| |||||
/ 195 CAGAAGTAGGTCAGGTCATATAGAAAGGTCAAAGGTCA 158
/
/ RESULT 3
/ US-08-956-171E-62
/ Sequence 62, Application US/08956171E
/ Patent No. 6593114
/ GENERAL INFORMATION:
/ APPLICANT: Charles Kunsch
/ Gil H. Choi
/ Patrick S. Dillon
/ Craig A. Rosen
/ Steven C. Barash
/ Michael R. Fannon
/ TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
/ NUMBER OF SEQUENCES: 5256
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Human Genome Sciences, Inc.
/ STREET: 9410 Key West Avenue
/ CITY: Rockville
/ STATE: Maryland
/ COUNTRY: USA
/ ZIP: 20850
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
/ COMPUTER: HP Vectra 486/33
/ OPERATING SYSTEM: MSDOS version 6.2
/ SOFTWARE: ASCII Text
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/956,171E
/ FILING DATE: 20-Oct-1997
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/009,861
/ FILING DATE: January 5, 1996
/ APPLICATION NUMBER: 08/781,986
/ FILING DATE: January 3, 1997

```

ATTORNEY/AGENT INFORMATION:
NAME: Mark J. Hyman
REGISTRATION NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (240) 314-1224
TELEFAX: (301) 309-8439
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 10953 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-08-956-171B-62

Query Match 54.2%; Score 20.6; DB 4; Length 10953;
Best Local Similarity 74.3%; Pred. No. 46;
Matches 26; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAAAAGTCAAGGTCAAAAGTCAAGTCAAGTCAAGT 36
DB 2746 AGAAGTCAAGGTCAAAAGTCAAGTCAAGTCAAGT 2780

RESULT 4
US-09-621-976-12838/c
Sequence 12838, Application US/09621976
Patent No. 639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621.976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 12838
LENGTH: 421
TYPE: DNA
ORGANISM: Homo sapiens
US-09-621-976-12838

Query Match 53.7%; Score 20.4; DB 4; Length 421;
Best Local Similarity 80.0%; Pred. No. 28;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAAAAGTCAAGGTCAAAAGTCAAGTCAAGTCAAGTCA 31
DB 162 AAAAAGTCAAGGTCAAAAGTCAAGTCAAGTCAAGTCA 133

RESULT 5
US-09-245-248B-59
Sequence 59, Application US/09245248B
Patent No. 6395472
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Matias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05

NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 3539
TYPE: DNA
ORGANISM: Homo sapien
US-09-245-248B-59

Query Match 53.7%; Score 20.4; DB 4; Length 3539;
Best Local Similarity 80.0%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAAGGTCAAAAGTCAAGTCAAGTCAAGTCA 38
DB 3462 GGTCAAAGGTCACGCTACGTCATAGTCA 3491

RESULT 6
US-09-245-248B-53
Sequence 53, Application US/09245248B
Patent No. 6395472
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
APPLICANT: Leary, Thomas
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Birkenmeyer, Larry
APPLICANT: Muerhoff, Scott
APPLICANT: Pilot-Matias, Tami
APPLICANT: Desai, Suresh
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.01
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 3853
TYPE: DNA
ORGANISM: Homo sapien
US-09-245-248B-53

Query Match 53.7%; Score 20.4; DB 4; Length 3853;
Best Local Similarity 80.0%; Pred. No. 44;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 9 GGTCAAAGGTCAAAAGTCAAGTCAAGTCAAGTCA 38
DB 3568 GGTCAAAGGTCACGCTACGTCATAGTCA 3597

RESULT 7
US-09-419-568F-25
Sequence 25, Application US/09419568F
Patent No. 6331613
GENERAL INFORMATION:
APPLICANT: Dumoutier, Laure
APPLICANT: Louhed, Jamila
APPLICANT: Renauld, Jean-Christophe
TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Factors
TITLE OF INVENTION: (Tifs) The Proteins Encoded, and Uses Thereof
FILE REFERENCE: LUD 5543.2
CURRENT APPLICATION NUMBER: US/09/419,568F
CURRENT FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: US09/354,243
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: US09/178,973
PRIOR FILING DATE: 1998-10-26
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 25
LENGTH: 4797


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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-419-568F-25

Query Match      53.7%; Score 20.4; DB 4; Length 4797;
Best Local Similarity 80.0%; Pred. No. 46;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAAAAGTGGTCAAAAGGTCAAAAGTCAAGTCA 31
Db 1788 AAATCTAGTCTACTGTGTAATCTAGTCA 1817

RESULT 8
US-09-354-243B-25
; Sequence 25, Application US/09354243B
; Patent No. 6359117
; GENERAL INFORMATION:
; APPLICANT: Dumoutier, Laure
; APPLICANT: Louhed, Jamila
; APPLICANT: Renauld, Jean-Christophe
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules which Encode T Cell Inducible Fa
; TITLE OF INVENTION: (TIFS)
; TITLE OF INVENTION: The Proteins Encoded, and Uses Thereof
; FILE REFERENCE: LUD 5543.1
; CURRENT APPLICATION NUMBER: US/09/354,243B
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US09/178,973
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 25
; LENGTH: 4797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-354-243B-25

Query Match      53.7%; Score 20.4; DB 4; Length 4797;
Best Local Similarity 80.0%; Pred. No. 46;
Matches 24; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 AAAAAGTGGTCAAAAGGTCAAAAGTCAAGTCA 31
Db 1788 AAATCTAGTCTACTGTGTAATCTAGTCA 1817

RESULT 9
US-08-961-527-49
; Sequence 49, Application US/08961527
; Patent No. 6420135
; GENERAL INFORMATION:
; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 391
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,527
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB340P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11443 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-961-527-49

Query Match      53.2%; Score 20.2; DB 4; Length 11443;
Best Local Similarity 75.8%; Pred. No. 66;
Matches 25; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 4 AACTAGGTCAAAGGTCAAAAGTCAAGTCAAGGT 36
Db 6901 AAAAGGTCAAAGTACCAAACTGGATTAAAGGT 6933

RESULT 10
US-09-422-978-3108
; Sequence 3108, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 50/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3108
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-23549-78 : polymorphic base G or A
US-09-422-978-3108

Query Match      52.6%; Score 20; DB 4; Length 47;
Best Local Similarity 76.7%; Pred. No. 26;
Matches 23; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 7 TAGGTCAAAGGTCAAAAGTCAAGTCAAGGT 36
Db 17 TAGCTCCRAAGTCAAAATATTAGTAAAGAT 46

RESULT 11
US-03-751-389-3
; Sequence 3, Application US/09751389
; Patent No. 6630334
; GENERAL INFORMATION:
; APPLICANT: GUEGLER, Karl et al
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CL001067
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/ CURRENT APPLICATION NUMBER: US/09/751,389
/ CURRENT FILING DATE: 2001-01-02
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 786431
/ TYPE: DNA
/ ORGANISM: Human
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (1)-(786431)
/ OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3

Query Match
Best Local Similarity 52.1%; Score 19.8; DB 4; Length 786431;
Matches 24; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3 AAAC TAGGTC AAAGTC AAACTAGGTC AAA 33
Db 190533 AAAATAGGTTAAAGGCAAACTCTTGAA 190563

RESULT 12
US-09-621-976-9939
/ Sequence 9939, Application US/09621976
/ Patent No. 6639063
/ GENERAL INFORMATION:
/ APPLICANT: Dumas Milne Edwards, J.B.
/ APPLICANT: Jobert, S.
/ APPLICANT: Giordano, J.Y.
/ TITLE OF INVENTION: ESTs and Encoded Human Proteins.
/ FILE REFERENCE: GENSET 054PR2
/ CURRENT APPLICATION NUMBER: US/09/621,976
/ CURRENT FILING DATE: 2000-07-21
/ NUMBER OF SEQ ID NOS: 19335
/ SOFTWARE: Patent.pm
/ SEQ ID NO 9939
/ LENGTH: 328
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-621-976-9939

Query Match
Best Local Similarity 51.6%; Score 19.6; DB 4; Length 328;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 5 ACTAGGTC AAAGGTC AAAC TAGGTC AAAGGTC A 38
Db 15 AGTATGACCATGGTTGAAACCAAGGTC AAAGGTGA 48

RESULT 13
US-08-795-430-48/c
/ Sequence 48, Application US/08795430
/ Patent No. 6130071
/ GENERAL INFORMATION:
/ APPLICANT: Alitalo, Kari
/ APPLICANT: Joukov, Vladimir
/ TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
/ TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof
/ NUMBER OF SEQUENCES: 57
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/795,430
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION NUMBER: PCT/FI96/00427
/ FILING DATE: 01-AUG-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/671,573
/ FILING DATE: 28-JUN-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/601,132
/ FILING DATE: 14-FEB-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/585,895
/ FILING DATE: 12-JAN-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/510,133
/ FILING DATE: 01-AUG-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/340,011
/ FILING DATE: 14-NOV-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Gass, David A.
/ REGISTRATION NUMBER: 38,153
/ REFERENCE/DOCKET NUMBER: 28967/33691
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312/474-6300
/ TELEFAX: 312/474-0448
/ TELEX: 25-3856
/ INFORMATION FOR SEQ ID NO: 48:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 2991 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-795-430-48

Query Match
Best Local Similarity 51.6%; Score 19.6; DB 3; Length 2991;
Matches 25; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAAC TAGGTC AAAGTC AAAC TAGGTC AAAG 34
Db 1968 CAAAGTTGAAAAAGGTCATCATCTATGTCAGAG 1935

RESULT 14
US-09-355-700-48/c
/ Sequence 48, Application US/09355700
/ Patent No. 6361946
/ GENERAL INFORMATION:
/ APPLICANT: Ludwig Institute for Cancer Research
/ APPLICANT: Helsinki University Licensing
/ APPLICANT: Alitalo, Kari (U.S. only)
/ APPLICANT: Joukov, Vladimir (U.S. only)
/ TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
/ TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof
/ NUMBER OF SEQUENCES: 59
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
/ STREET: 6300 Sears Tower, 233 South Wacker Drive
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: United States of America
/ ZIP: 60606-6402
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
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Search completed: April 9, 2004, 01:27:42
Job time : 8.57066 secs


```
RESULT 2
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPTION ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

Query Match      68.4%; Score 26; DB 10; Length 60;
Best Local Similarity 95.0%; Pred. No. 1.9;
Matches 38; Conservative 0; Mismatches 0; Indels 0; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGGT--CAAAACCTAGGTCAAAGGTCA 38
Db 60 CAAAACCTAGGTCAAAGGTCAAAACCTAGGTCAAAGGTCA 21

RESULT 3
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

Query Match      68.4%; Score 26; DB 10; Length 60;
Best Local Similarity 95.0%; Pred. No. 1.9;
Matches 38; Conservative 0; Mismatches 0; Indels 0; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGGT--CAAAACCTAGGTCAAAGGTCA 38
Db 60 CAAAACCTAGGTCAAAGGTCAAAACCTAGGTCAAAGGTCA 21

RESULT 4
US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising their uses
; FILE REFERENCE: ST00010

Query Match      68.4%; Score 26; DB 10; Length 60;
Best Local Similarity 95.0%; Pred. No. 1.9;
Matches 38; Conservative 0; Mismatches 0; Indels 0; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGGT--CAAAACCTAGGTCAAAGGTCA 38
Db 60 CAAAACCTAGGTCAAAGGTCAAAACCTAGGTCAAAGGTCA 21

RESULT 5
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising their uses
; FILE REFERENCE: ST00010

Query Match      65.8%; Score 25; DB 9; Length 41;
Best Local Similarity 92.7%; Pred. No. 4.2;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGG---TCAAAACCTAGGTCAAAGGTCA 38
Db 1 CAAAACCTAGGTCAAAGGTCAATCAAAACCTAGGTCAAAGGTCA 41

RESULT 6
US-10-153-668-319/c
; Sequence 319, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene

Query Match      65.8%; Score 25; DB 9; Length 332;
Best Local Similarity 92.7%; Pred. No. 6.3;
Matches 38; Conservative 0; Mismatches 0; Indels 3; Gaps 1;

QY 1 CAAAACCTAGGTCAAAGG---TCAAAACCTAGGTCAAAGGTCA 38
Db 13 CAAAACCTAGGTCAAAGGTCAATCAAAACCTAGGTCAAAGGTCA 53
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; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: JP 2001-313175
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 488
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 319
; LENGTH: 2113
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (138)..(1583)
US-10-153-668-319

Query Match 62.1%; Score 23.6; DB 14; Length 2113;
Best Local Similarity 76.3%; Pred. No. 30;
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGGTCAAAGTCAAAAGTCAAAAGTCA 38
Db 1764 CACATCAGCATCAAAGGTCAAAGTCAAAAGTCAAAAGTGA 1727

RESULT 7
US-10-264-049-778/c
; Sequence 778, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133PI
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 778
; LENGTH: 2886
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (110)..(110)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-264-049-778

Query Match 62.1%; Score 23.6; DB 15; Length 2886;
Best Local Similarity 76.3%; Pred. No. 32;
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGTCAAAGTCAAAGTCAAAGTCA 38
Db 926 CACATCAGCATCAAAGGTCAAAGTCAAAGTCAAAGTGA 889

RESULT 8
US-10-094-749-46/c
; Sequence 46, Application US/10094749
```

```
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 2926
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-46

Query Match 62.1%; Score 23.6; DB 15; Length 2926;
Best Local Similarity 76.3%; Pred. No. 32;
Matches 29; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGTCAAAGTCAAAGTCAAAAGTCA 38
Db 754 CACATCAGCATCAAAGGTCAAAGTCAAAGTCAAAGTGA 717

RESULT 9
US-10-389-566-61
; Sequence 61, Application US/10389566
; Publication No. US20040025202A1
; GENERAL INFORMATION:
; APPLICANT: Monsanto Technology, LLC
; APPLICANT: Laurie, Cathy C
; TITLE OF INVENTION: Nucleic Acid Molecules Associated with Oil in Plants
; FILE REFERENCE: 38-77(52900)D
; CURRENT APPLICATION NUMBER: US/10/389,566
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: US 60/365,301
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/391,786
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US 60/392,018
; PRIOR FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 2459
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61
; LENGTH: 634
; TYPE: DNA
; ORGANISM: Zea mays
US-10-389-566-61

Query Match 59.5%; Score 22.6; DB 16; Length 634;
Best Local Similarity 75.7%; Pred. No. 56;
Matches 28; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
```

QY 2 AAAAAGTGGTCAAAAGTCAAAAGTGGTCAAAAGTCA 38
|||||
Db 298 ABAACATGTTCAAAAGTCAAAAGTCAAAAGTCA 334
|||||

RESULT 10
US-10-027-632-17516
; Sequence 17516, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 17516
; LENGTH: 467
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-17516

Query Match 56.8%; Score 21.6; DB 15; Length 467;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAAAAGTGGTCAAAAGTCAAAAGTGGTCAAAAGTCA 37
|||||
Db 264 AAAATTACTTCAAAAGTCAAAAGTCAAAAGTCA 299
|||||

RESULT 11
US-10-302-172-879
; Sequence 879, Application US/10302172
; Publication No. US20040053250A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Xue, Aidong J.
; TITLE OF INVENTION: Dmanac, Radoje T.
; TITLE OF INVENTION: No. US20040053250A1e1 Arginine-rich Protein-like Nucleic Acids an
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 803.1CNCBP
; CURRENT APPLICATION NUMBER: US/10/302,172
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/225,251
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: PCT US02/05095
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 09/799,451
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 950
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 879
; LENGTH: 2506
; TYPE: DNA
; ORGANISM: Homo sapiens

; FEATURE:
; NAME/KEY: CDS
; LOCATION: (481)...(2154)
US-10-302-172-879

Query Match 56.8%; Score 21.6; DB 12; Length 2506;
Best Local Similarity 75.0%; Pred. No. 1.7e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 AAACTAGGTCAAAAGTCAAAAGTGGTCAAAAGTCA 38
|||||
Db 794 AAACCAAGTCAAAAGGCCATGCGCTATGCTAGGTCA 829
|||||

RESULT 12
US-10-198-846-11260/C
; Sequence 11260, Application US/10198846
; Publication No. US20030099974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-049
; CURRENT APPLICATION NUMBER: US/10/198,846
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11260
; LENGTH: 3051
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 2, 3, 4, 5, 6, 7, 8, 9, 3045, 3046, 3047, 3048, 3049,
; LOCATION: 3050, 3051
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-11260

Query Match 56.8%; Score 21.6; DB 14; Length 3051;
Best Local Similarity 75.0%; Pred. No. 1.8e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 AAACTAGGTCAAAAGTCAAAAGTGGTCAAAAGTCA 38
|||||
Db 1864 AAACCAAGTCAAAAGGCCATGCGCTATGCTAGGTCA 1829
|||||

RESULT 13
US-09-813-320-3
; Sequence 3, Application US/09813320
; Patent No. US20020142378A1
; GENERAL INFORMATION:
; APPLICANT: ZHANG, Hongyu et al.
; TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL001172
; CURRENT APPLICATION NUMBER: US/09/813,320
; CURRENT FILING DATE: 2001-03-21
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 397658
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature

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; LOCATION: (1)...(397658)
; OTHER INFORMATION: n = A,T,C or G
US-09-813-320-3

Query Match      56.8%; Score 21.6; DB 9; Length 397658;
Best Local Similarity 75.0%; Pred. No. 4.4e+02;
Matches 27; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAAGTCAAACCTAGGTCAAAGGTC 37
   ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 292121 AAGACTCGGTAAAGTTAGAACTAGAGGCAAGGTC 292156

RESULT 14
US-09-764-860-1054/c
; Sequence 1054, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; FILE REFERENCE: PC008
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1054
; LENGTH: 14654
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-1054

Query Match      56.3%; Score 21.4; DB 9; Length 14654;
Best Local Similarity 80.6%; Pred. No. 2.9e+02;
Matches 25; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 8 AGGTCAAAGTCAAACCTAGGTCAAAGGTC 38
   ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB 5366 AGGACAGAGGGCAAAGCCAGGTCAAAGGGCA 5336

RESULT 15
US-10-074-095-1054/c
; Sequence 1054, Application US/10074095
; Publication No. US20030077704A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008C1
; CURRENT APPLICATION NUMBER: US/10/074,095
; CURRENT FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: 09/764,860
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,368
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
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; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: 60/237,940
 ; PRIOR FILING DATE: 2000-10-02
 ; PRIOR APPLICATION NUMBER: 60/240,960
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/239,935
 ; PRIOR FILING DATE: 2000-10-13
 ; PRIOR APPLICATION NUMBER: 60/239,937
 ; PRIOR FILING DATE: 2000-10-13
 ; PRIOR APPLICATION NUMBER: 60/241,787
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/246,474
 ; PRIOR FILING DATE: 2000-11-08
 ; PRIOR APPLICATION NUMBER: 60/246,532
 ; PRIOR FILING DATE: 2000-11-08
 ; PRIOR APPLICATION NUMBER: 60/249,216
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,210
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/226,681
 ; PRIOR FILING DATE: 2000-08-22
 ; PRIOR APPLICATION NUMBER: 60/225,759
 ; PRIOR FILING DATE: 2000-08-14
 ; PRIOR APPLICATION NUMBER: 60/225,213
 ; PRIOR FILING DATE: 2000-08-14
 ; PRIOR APPLICATION NUMBER: 60/227,182
 ; PRIOR FILING DATE: 2000-08-22
 ; PRIOR APPLICATION NUMBER: 60/225,214
 ; PRIOR FILING DATE: 2000-08-14
 ; PRIOR APPLICATION NUMBER: 60/235,836
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: 60/230,438
 ; PRIOR FILING DATE: 2000-09-06
 ; PRIOR APPLICATION NUMBER: 60/215,135
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: 60/225,266
 ; PRIOR FILING DATE: 2000-08-14
 ; PRIOR APPLICATION NUMBER: 60/249,218
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,208
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,213
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,212
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,207
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,245
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,244
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,217
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,211
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,215
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,264
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,214
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/249,297
 ; PRIOR FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: 60/232,400
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/231,242
 ; PRIOR FILING DATE: 2000-09-08
 ; PRIOR APPLICATION NUMBER: 60/232,081
 ; PRIOR FILING DATE: 2000-09-08
 ; PRIOR APPLICATION NUMBER: 60/232,080
 ; PRIOR FILING DATE: 2000-09-08
 ; PRIOR APPLICATION NUMBER: 60/231,414
 ; PRIOR FILING DATE: 2000-09-08

; PRIOR APPLICATION NUMBER: 60/231,244
 ; PRIOR FILING DATE: 2000-09-08
 ; PRIOR APPLICATION NUMBER: 60/233,064
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/233,063
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/232,397
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/232,399
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/232,401
 ; PRIOR FILING DATE: 2000-09-14
 ; PRIOR APPLICATION NUMBER: 60/241,808
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/241,826
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/241,786
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/241,221
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/246,475
 ; PRIOR FILING DATE: 2000-11-08
 ; PRIOR APPLICATION NUMBER: 60/231,243
 ; PRIOR FILING DATE: 2000-09-08

Query Match 56.3%; Score 21.4; DB 14; Length 14654;
 Best Local Similarity 80.6%; Pred. No. 2.9e+02;
 Matches 25; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 8 AGGTCAAGGTCAAAACACTAGGTCAAGGTCA 38
 Db 5366 AGGACAGAGGGCAAAAGCCAGGTCAAAAGGGCA 5336

Search completed: April 9, 2004, 06:43:11
 Job time : 43.8822 secs

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OM nucleic - nucleic search, using sw model

Run on: April 8, 2004, 23:42:12 ; Search time 3.45924 Seconds
(without alignments)
3209.437 Million cell updates/sec

Title: US-09-808-388-1

Perfect score: 20

Sequence: 1 caaaactagggtcaaaagggtca 20

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq.*
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4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
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6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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C 2	15.4	77.0	587	3	US-09-053-702-3
C 3	15.2	76.0	3441	2	US-08-742-753-1
C 4	15.2	76.0	13865	3	US-09-009-217-11
C 5	15.2	76.0	13865	3	US-09-009-656-11
C 6	15.2	76.0	15894	1	US-08-348-891A-1
C 7	15.2	76.0	15894	1	US-08-905-817-1
C 8	15.2	76.0	580073	4	US-08-545-5280-1
C 9	15.2	75.0	2661	1	US-08-351-413-1
C 10	15.2	75.0	2661	2	US-09-025-583-1
C 11	15.2	75.0	4808	1	US-08-351-413-17
C 12	15.2	75.0	4808	2	US-09-025-583-17
C 13	14.8	74.0	328	4	US-09-621-976-9939
C 14	14.8	74.0	1140	4	US-09-328-352-1678
C 15	14.8	74.0	11303	4	US-08-961-521-115
C 16	14.8	74.0	14485	4	US-09-876-216-3
C 17	14.8	74.0	16595	4	US-09-146-053-7
C 18	14.8	74.0	118067	4	US-09-497-855A-32
C 19	14.4	72.0	480	4	US-09-134-000C-778
C 20	14.4	72.0	2372	4	US-09-620-312D-763
C 21	14.4	72.0	3127	4	US-09-620-312D-613
C 22	14.4	72.0	66804	4	US-09-740-041-3
C 23	14.4	72.0	161652	4	US-09-497-855A-40
C 24	14.4	72.0	1830121	4	US-09-557-884-1
C 25	14.4	72.0	1830121	4	US-09-643-990A-1
C 26	14.2	71.0	468	4	US-09-621-976-784
C 27	14.2	71.0	865	3	US-09-328-111-128

28	14.2	71.0	1026	4	US-09-394-110A-3	Sequence 3, Appli
29	14.2	71.0	1236	4	US-09-543-681A-1308	Sequence 1308, Ap
C 30	14.2	71.0	1284	4	US-09-489-039A-5681	Sequence 5681, Ap
31	14.2	71.0	1288	4	US-09-724-864-16	Sequence 16, Appli
C 32	14.2	71.0	1326	4	US-09-328-352-3628	Sequence 3628, Ap
33	14.2	71.0	1704	4	US-09-543-681A-1501	Sequence 1501, Ap
34	14.2	71.0	1846	4	US-09-336-536-37	Sequence 37, Appli
C 35	14.2	71.0	2103	3	US-08-931-952-1	Sequence 1, Appli
C 36	14.2	71.0	2103	3	US-08-272-247-1	Sequence 1, Appli
C 37	14.2	71.0	2103	5	PCT-US95-08560-1	Sequence 1, Appli
38	14.2	71.0	2849	4	US-09-221-017B-990	Sequence 990, App
39	14.2	71.0	2964	2	US-08-846-750A-2	Sequence 2, Appli
40	14.2	71.0	2964	3	US-08-935-333-2	Sequence 2, Appli
41	14.2	71.0	3083	4	US-09-976-594-1022	Sequence 1022, Ap
42	14.2	71.0	3095	4	US-09-293-549-7	Sequence 7, Appli
C 43	14.2	71.0	5521	3	US-08-975-762-48	Sequence 48, Appli
C 44	14.2	71.0	5521	3	US-09-295-028-48	Sequence 48, Appli
C 45	14.2	71.0	5521	4	US-09-106-582-48	Sequence 48, Appli

ALIGNMENTS

RESULT 1
US-09-621-976-12838/c
; Sequence 12838, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 12838
; LENGTH: 421
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-12838

Query Match 79.0%; Score 15.8; DB 4; Length 421;
Best Local Similarity 89.5%; Pred. No. 32;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 AAACTAGGTCAAGGTCA 20
DB 162 AAACTAGGTCAAGGTCA 144

RESULT 2
US-09-053-702-3/c
; Sequence 3, Application US/09053702
; Patent No. 6229069
; GENERAL INFORMATION:
; APPLICANT: YAMADA, Shigehiro
; TITLE OF INVENTION: METHOD FOR CONTROLLING WATER CONTENT OF PLANT
; FILE REFERENCE: 230-122P
; CURRENT APPLICATION NUMBER: US/09/053,702
; CURRENT FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 587
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
US-09-053-702-3

Query Match 77.0%; Score 15.4; DB 3; Length 587;
Best Local Similarity 94.1%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 AAACCTAGTCAAGGTC 19
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Db 288 AAACCTAGTCAAGGTC 272

RESULT 3
US-08-742-753-1/c
; Sequence 1, Application US/08742753
; Patent No. 5861278
; GENERAL INFORMATION:
; APPLICANT: WONG, Gordon G.
; APPLICANT: YAO, Kwok-Ming
; TITLE OF INVENTION: HNF3-delta Compositions
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/742,753
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, Steven R.
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: 5277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8260
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3441 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 88..2400
; US-08-742-753-1

Query Match 76.0%; Score 15.2; DB 2; Length 3441;
Best Local Similarity 85.0%; Pred. No. 97;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAACCTAGTCAAGGTC 20
|||||
Db 2544 CATAATTAGTCAAGGCA 2525

RESULT 4
US-09-009-217-11
; Sequence 11, Application US/09009217
; Patent No. 6132729
; GENERAL INFORMATION:
; APPLICANT: Thorpe, Philip E.
; APPLICANT: King, Steven W.
; TITLE OF INVENTION: COMBINED TISSUE FACTOR AND
; TITLE OF INVENTION: CHEMOTHERAPEUTIC METHODS AND COMPOSITIONS FOR COAGULATION
; TITLE OF INVENTION: AND TUMOR TREATMENT
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee

; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/09/009,217
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/042,427
; FILING DATE: 27-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/036,205
; FILING DATE: 27-JAN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/035,920
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Hibler, David W.
; REGISTRATION NUMBER: 41,071
; REFERENCE/DOCKET NUMBER: UTSD:536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13865 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-009-217-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAACCTAGTCAAGGTC 20
|||||
Db 13773 CAAATTAGTCAAGGCA 13792

RESULT 5
US-09-009-656-11
; Sequence 11, Application US/09009656
; Patent No. 6132730
; GENERAL INFORMATION:
; APPLICANT: Thorpe, Philip E.
; APPLICANT: King, Steven W.
; TITLE OF INVENTION: COMBINED TISSUE FACTOR AND FACTOR VIIa
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR COAGULATION AND TUMOR
; TITLE OF INVENTION: TREATMENT
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,656

/ FILING DATE: Concurrently Herewith
 / CLASSIFICATION:
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 60/042,427
 / FILING DATE: 27-MAR-1997
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 60/036,205
 / FILING DATE: 27-JAN-1997
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 60/035,920
 / FILING DATE: 22-JAN-1997
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Hibler, David W.
 / REGISTRATION NUMBER: 41,071
 / REFERENCE/DOCKET NUMBER: UTSD:537
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 512/418-3000
 / TELEFAX: 512/474-7577
 / INFORMATION FOR SEQ ID NO: 11:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 13865 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / US-09-009-656-11

Query Match 76.0%; Score 15.2; DB 3; Length 13865;
 Best Local Similarity 85.0%; Pred. No. 1.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCA 20
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 DB 13773 CAAATAGGTAAGGACCA 13792

RESULT 6

US-08-348-891A-1/c
 / Sequence 1, Application US/08348891A
 / Patent No. 5654136
 / GENERAL INFORMATION:
 / APPLICANT: SASAKI, Keiko
 / APPLICANT: MORI, Takayuki
 / APPLICANT: MAKINO, Satoshi
 / TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,
 / TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
 / TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
 / NUMBER OF SEQUENCES: 19
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: YOUNG & THOMPSON
 / STREET: 745 South 23rd Street
 / CITY: Arlington
 / STATE: Virginia
 / COUNTRY: USA
 / ZIP: 22202
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent In Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/348,891A
 / FILING DATE: 25-NOV-1994
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/848,400
 / FILING DATE: 10-MAR-1992
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: JP 3-293625
 / FILING DATE: 14-OCT-1991
 / ATTORNEY/AGENT INFORMATION:
 / NAME: PATCH, Andrew J.
 / REGISTRATION NUMBER: 32,925
 / REFERENCE/DOCKET NUMBER: KP-7501

/ TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 703-521-2297
 / TELEFAX: 703-685-0573
 / TELEX: 248425 EMBON
 / INFORMATION FOR SEQ ID NO: 1:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 15894 base pairs
 / TYPE: nucleic acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / MOLECULE TYPE: cDNA
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 108..1682
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 1807..3327
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 3438..4442
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 5458..7107
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 7271..9121
 / FEATURE:
 / NAME/KEY: CDS
 / LOCATION: 9234..15782
 / US-08-348-891A-1

Query Match 76.0%; Score 15.2; DB 1; Length 15894;
 Best Local Similarity 85.0%; Pred. No. 1.3e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCA 20
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 DB 9920 CAAACCAAGTTCAAATGTCA 9901

RESULT 7

US-08-905-817-1/c
 / Sequence 1, Application US/08905817
 / Patent No. 5824777
 / GENERAL INFORMATION:
 / APPLICANT: SASAKI, Keiko
 / APPLICANT: MORI, Takayuki
 / APPLICANT: MAKINO, Satoshi
 / TITLE OF INVENTION: ATTENUATED MEASLES VIRUS VACCINE,
 / TITLE OF INVENTION: CONTAINING SPECIFIC NUCLEOTIDE SEQUENCE AND A METHOD FOR
 / TITLE OF INVENTION: ITS ABSOLUTE IDENTIFICATION
 / NUMBER OF SEQUENCES: 19
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: YOUNG & THOMPSON
 / STREET: 745 South 23rd Street
 / CITY: Arlington
 / STATE: Virginia
 / COUNTRY: USA
 / ZIP: 22202
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent In Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/905,817
 / FILING DATE: 04-AUG-1997
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 08/348,891
 / FILING DATE: 25-NOV-1994
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: US 07/848,400

;; FILING DATE: 10-MAR-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: JP 3-293625
;; FILING DATE: 14-OCT-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: PATCH, Andrew J.
;; REGISTRATION NUMBER: 32,925
;; REFERENCE/DOCKET NUMBER: KP-7501A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 703-521-2297
;; TELEFAX: 703-685-0573
;; TELEX: 248425 EMBON
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15894 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 108..1682
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 1807..3327
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 3438..4442
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 5458..7107
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 7271..9121
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: 9234..15782
;; US-08-905-817-1

Query Match 76.0%; Score 15.2; DB 1; Length 15894;
Best Local Similarity 85.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGTCA 20
Db 9920 CAAACCAAGTCAAATGCA 9901

RESULT 8
US-08-545-528D-1/c
; Sequence 1, Application US/08545528D
; Patent No. 6537773
; GENERAL INFORMATION:
; APPLICANT: Fraser et al.
; TITLE OF INVENTION: Nucleotide Sequence of the Mycoplasma Genitalium Genome, Fragment
; Patent No. 6537773
; TITLE OF INVENTION: Thereof, and Uses Thereof
; FILE REFERENCE: PB193P1
; CURRENT APPLICATION NUMBER: US/08/545,528D
; CURRENT FILING DATE: 1995-10-19
; PRIOR APPLICATION NUMBER: US 08/488,018
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/473,545
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 580073
; TYPE: DNA
; ORGANISM: Mycoplasma genitalium
US-08-545-528D-1

Query Match 76.0%; Score 15.2; DB 4; Length 580073;

Best Local Similarity 85.0%; Pred. No. 2.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAAAGTCA 20
Db 21486 CAAACCAAGTCAAAGTCA 21467

RESULT 9
US-08-351-413-1
; Sequence 1, Application US/08351413
; Patent No. 5750867
; GENERAL INFORMATION:
; APPLICANT: Williams, Mark
; APPLICANT: Leemans, Jan
; TITLE OF INVENTION: Maintenance of male-sterile plants
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
; STREET: 8110 Gatehouse Road, Suite 500 East
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 2046
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
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; APPLICATION NUMBER: US/08/351,413
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/899,072
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/970,849
; FILING DATE: 03-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 2121-102PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2661 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Zea mays
; STRAIN: inbred line W-22
; PUBLICATION INFORMATION:
; AUTHORS: Hamilton et al.,
; JOURNAL: Sex Plant Reprod.
; VOLUME: 2
; PAGES: 208-
; DATE: 1989
; US-08-351-413-1

Query Match 75.0%; Score 15; DB 1; Length 2661;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAAACTAGGTCAA 15

Db 1180 CAAACTAGGTCAA 1194

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US-09-025-583-1
; Sequence 1, Application US/09025583
; Patent No. 5977433
; GENERAL INFORMATION:
; APPLICANT: Williams, Mark
; APPLICANT: Leemans, Jan
; TITLE OF INVENTION: Maintenance of male-sterile plants
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
; STREET: 8110 Gatehouse Road, Suite 500 East
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 2046
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,583
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,413
; FILING DATE:
; APPLICATION NUMBER: US 07/899,072
; FILING DATE: 12-JUN-1992
; APPLICATION NUMBER: US 07/970,849
; FILING DATE: 03-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 2121-102PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2661 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Zea mays
; STRAIN: inbred line W-22
; PUBLICATION INFORMATION:
; AUTHORS: Hamilton et al.,
; JOURNAL: Sex Plant Reprod.
; VOLUME: 2
; PAGES: 208-
; DATE: 1989
US-09-025-583-1
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Query Match 75.0%; Score 15; DB 2; Length 2661;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1180 CAAACTAGGTCAA 1194
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; Patent No. 5750667
; GENERAL INFORMATION:
; APPLICANT: Williams, Mark
; APPLICANT: Leemans, Jan
; TITLE OF INVENTION: Maintenance of male-sterile plants
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
; STREET: 8110 Gatehouse Road, Suite 500 East
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 2046
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/351,413
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/899,072
; FILING DATE: 12-JUN-1992
; APPLICATION NUMBER: US 07/970,849
; FILING DATE: 03-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Svensson, Leonard R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 2121-102PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4808 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: EcoRI-HindIII fragment of plasmid pTS218
; FEATURE:
; NAME/KEY: -
; LOCATION: complement (18..401)
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; OTHER INFORMATION: /note= "3' regulatory sequence containing the
; OTHER INFORMATION: polyadenylation site derived from Agrobacterium
; OTHER INFORMATION: T-DNA nopaline synthase gene"
; FEATURE:
; NAME/KEY: -
; LOCATION: complement (402..737)
; OTHER INFORMATION: /label= barnase
; OTHER INFORMATION: /note= "coding region of the barnase gene of
; OTHER INFORMATION: Bacillus amyloliquefaciens"
; FEATURE:
; NAME/KEY: -
; LOCATION: complement (738..1944)
; OTHER INFORMATION: /label= PZM13
; OTHER INFORMATION: /note= "promoter region of the Zm13 gene of Zea
; OTHER INFORMATION: mays"
; FEATURE:
; NAME/KEY: -
; LOCATION: complement (1945..2281)
; OTHER INFORMATION: /label= 3'nos
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LOCATION: 3100...3932
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OTHER INFORMATION: cauliflower mosaic virus isolate CabBB-II"
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NAME/KEY: -
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OTHER INFORMATION: /note= "coding region of the phosphinothricin
OTHER INFORMATION: acetyltransferase gene"
FEATURE:
NAME/KEY: -
LOCATION: 4485...4763
OTHER INFORMATION: /label= 3'nos
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NAME/KEY: -
LOCATION: 2333...2356
OTHER INFORMATION: /label= BXOL2
OTHER INFORMATION: /note= "region corresponding to oligonucleotide
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NAME/KEY: -
LOCATION: complement (2538...2586)
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OTHER INFORMATION: /note= "region complementary to part of
OTHER INFORMATION: oligonucleotide PTA29OL5"
US-09-025-583-17

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Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCACAA 15
Db 984 CAAACTAGGTCACAA 970

RESULT 13
US-09-621-976-9939
Sequence 9939, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.V.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621.976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 9939
LENGTH: 328
TYPE: DNA
ORGANISM: Homo sapiens
US-09-621-976-9939

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Best Local Similarity 88.9%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 AACTAGGTCACAAAGTCA 20
Db 31 AACTAGGTCACAAAGTCA 48

RESULT 14

US-09-328-352-1678/c
Sequence 1678, Application US/09328352
Patent No. 6562958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC99-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 1678
LENGTH: 1140
TYPE: DNA
ORGANISM: Acinetobacter baumannii
US-09-328-352-1678

Query Match 74.0%; Score 14.8; DB 4; Length 1140;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 ABAACTAGGTCACAAAGTC 19
Db 986 ABAAGTTGGTCAAGGTC 969

RESULT 15
US-08-961-527-115/c
Sequence 115, Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB340P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 11303 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-961-527-115

Query Match 74.0%; Score 14.8; DB 4; Length 11303;
Best Local Similarity 88.9%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCACAAAGGT 18

Fri Apr 9 06:51:30 2004

us-09-808-388-1.rni

Page 8

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Search completed: April 9, 2004, 01:27:40
Job time : 7.45824 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 9, 2004, 01:11:07 ; Search time 22.5696 Seconds
(without alignments)
3324.350 Million cell updates/sec

Title: US-09-808-388-1
Perfect score: 20
Sequence: 1 caaaactaggtcaaaagtca 20

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA.*

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- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
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- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09D_PUBCOMB.seq.*
- 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq.*
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- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
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- 17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	20	100.0	20	10	US-09-877-705A-67
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4	20	100.0	20	10	US-09-877-738A-67
5	20	100.0	20	10	US-09-877-738A-68
6	20	100.0	38	9	US-09-808-388-2
7	20	100.0	41	9	US-09-808-388-3
8	20	100.0	52	9	US-09-808-388-4
9	20	100.0	60	10	US-09-877-705A-142
10	20	100.0	60	10	US-09-877-738A-142
11	20	100.0	332	9	US-09-808-388-6
12	18	90.0	18	12	US-10-366-715-9
13	17	85.0	25	13	US-10-113-877-133
14	16.8	84.0	506	10	US-09-764-891-72
15	16.4	82.0	18	12	US-10-366-715-11

C 16	16.4	82.0	1657	12	US-10-424-599-131181	Sequence 121181, App
C 17	16.4	82.0	2286	14	US-10-153-668-389	Sequence 389, App
C 18	16.4	82.0	2473	14	US-10-153-668-383	Sequence 383, App
C 19	16.4	82.0	2473	14	US-10-153-668-385	Sequence 385, App
C 20	16.4	82.0	2572	14	US-10-153-668-387	Sequence 387, App
C 21	16.4	82.0	2584	14	US-10-153-668-391	Sequence 391, App
C 22	16.4	82.0	4292	12	US-09-925-298-179	Sequence 179, App
C 23	16.4	82.0	4292	14	US-10-102-806-179	Sequence 179, App
C 24	16.4	82.0	5516	14	US-10-153-668-271	Sequence 271, App
C 25	16	80.0	724	15	US-10-027-632-14617	Sequence 14617, A
C 26	15.8	79.0	31	15	US-10-238-960-22	Sequence 22, Appl
C 27	15.8	79.0	659	15	US-10-027-632-11556	Sequence 11556, A
C 28	15.8	79.0	878	14	US-10-198-846-13893	Sequence 13893, A
C 29	15.8	79.0	1269	12	US-10-210-281-11	Sequence 11, Appl
C 30	15.8	79.0	1287	12	US-10-210-281-9	Sequence 9, Appl
C 31	15.8	79.0	1437	15	US-10-369-493-46204	Sequence 46204, A
C 32	15.8	79.0	1865	15	US-10-027-632-97508	Sequence 97508, A
C 33	15.8	79.0	1865	15	US-10-027-632-99082	Sequence 99082, A
C 34	15.8	79.0	1892	12	US-10-424-599-56718	Sequence 56718, A
C 35	15.8	79.0	2012	12	US-10-221-278-422	Sequence 422, App
C 36	15.8	79.0	2012	15	US-10-291-172-422	Sequence 422, App
C 37	15.8	79.0	3254	14	US-10-157-031-138	Sequence 138, App
C 38	15.8	79.0	3266	15	US-10-108-260A-545	Sequence 545, App
C 39	15.8	79.0	3276	12	US-10-221-278-46	Sequence 46, Appl
C 40	15.8	79.0	3276	14	US-10-119-428-49	Sequence 49, Appl
C 41	15.8	79.0	3276	15	US-10-291-172-46	Sequence 46, Appl
C 42	15.8	79.0	6158	10	US-09-764-891-8513	Sequence 8513, App
C 43	15.8	79.0	193357	15	US-10-085-117-142	Sequence 142, App
C 44	15.4	77.0	386	10	US-09-960-706-580	Sequence 580, App
C 45	15.4	77.0	386	10	US-09-873-319-357	Sequence 357, App

ALIGNMENTS

RESULT 1

US-09-808-388-1
; Sequence 1, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-1

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Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAAAC TAGGTCAAAGGTCA 20
Db 1 CAAAAC TAGGTCAAAGGTCA 20

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RESULT 2
US-09-877-705A-67
; Sequence 67, Application US/09877705A
; Publication No. US2003008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPTION FACTOR ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Transcription factor probe PP67
US-09-877-705A-67

Query Match      100.0%; Score 20; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
US-09-877-705A-68/c
; Sequence 68, Application US/09877705A
; Publication No. US2003008283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPTION FACTOR ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Transcription factor probe PP68
US-09-877-705A-68

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Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 4
US-09-877-738A-67
; Sequence 67, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Transcription factor probe PP67
US-09-877-738A-67

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Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 5
US-09-877-738A-68/c
; Sequence 68, Application US/09877738A
; Publication No. US20030022173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Transcription factor probe PP68
US-09-877-738A-68

Query Match      100.0%; Score 20; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      20 CAAAAGTGGTCAAAAGGTCA 1
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RESULT 6
US-09-808-388-2
; Sequence 2, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising their
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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/ OTHER INFORMATION: PPRE element
US-09-808-388-2

Query Match      100.0%; Score 20; DB 9; Length 38;
Best Local Similarity 100.0%; Pred. No. 2.3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CAAAACTAGGTCAAAGGTCA 20

RESULT 7
US-09-808-388-3
; Sequence 3, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-3

Query Match      100.0%; Score 20; DB 9; Length 41;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAAACTAGGTCAAAGGTCA 20
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Db 1 CAAAACTAGGTCAAAGGTCA 20

RESULT 8
US-09-808-388-4
; Sequence 4, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Bereziat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; TITLE OF INVENTION: their uses
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 52
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/ TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE element
US-09-808-388-4

Query Match      100.0%; Score 20; DB 9; Length 52;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAAACTAGGTCAAAGGTCA 20
   |||||
Db 1 CAAAACTAGGTCAAAGGTCA 20

RESULT 9
US-09-877-705A-142/c
; Sequence 142, Application US/09877705A
; Publication No. US20030009283A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD FOR SCREENING FOR DRUG CANDIDATES FOR MODULATING TRANSCRIPT
; TITLE OF INVENTION: FACTOR ACTIVITY
; FILE REFERENCE: 26757-704
; CURRENT APPLICATION NUMBER: US/09/877,705A
; CURRENT FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-705A-142

Query Match      100.0%; Score 20; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAAACTAGGTCAAAGGTCA 20
   |||||
Db 60 CAAAACTAGGTCAAAGGTCA 41

RESULT 10
US-09-877-738A-142/c
; Sequence 142, Application US/09877738A
; Publication No. US2003002173A1
; GENERAL INFORMATION:
; APPLICANT: Li, Jason
; TITLE OF INVENTION: METHOD AND KIT FOR ISOLATING DNA PROBES THAT BIND TO ACTIVATED
; TITLE OF INVENTION: TRANSCRIPTION FACTORS
; FILE REFERENCE: 26757-701
; CURRENT APPLICATION NUMBER: US/09/877,738A
; CURRENT FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Hybridization probe MP68
US-09-877-738A-142

Query Match      100.0%; Score 20; DB 10; Length 60;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAAACTAGGTCAAAGGTCA 20
   |||||
Db 60 CAAAACTAGGTCAAAGGTCA 41
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RESULT 11
US-09-808-388-6
; Sequence 6, Application US/09808388
; Patent No. US20020081719A1
; GENERAL INFORMATION:
; APPLICANT: Massaad, Charbel
; APPLICANT: Berenbaum, Francis
; APPLICANT: Olivier, Jean-Luc
; APPLICANT: Salvat, Colette
; APPLICANT: Berezat, Gilbert
; TITLE OF INVENTION: Inflammation Inducible Hybrid Promoters, Vectors Comprising them
; FILE REFERENCE: ST00010
; CURRENT APPLICATION NUMBER: US/09/808,388
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: FR/00/03262
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/196,959
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPPE/PLA2s hybrid promoter
US-09-808-388-6

Query Match 100.0%; Score 20; DB 9; Length 332;
Best Local Similarity 100.0%; Pred. No. 3.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCACAAAGGTCA 20
|||||
Db 13 CAAACTAGGTCACAAAGGTCA 32

RESULT 12
US-10-366-715-9
; Sequence 9, Application US/10366715
; Publication No. US20040038249A1
; GENERAL INFORMATION:
; APPLICANT: Dartiel, Raphael
; APPLICANT: Thuillier, Vincent
; TITLE OF INVENTION: Inducible Expression Systems Employing PPAR Transcriptional
; FILE REFERENCE: GC00026
; CURRENT APPLICATION NUMBER: US/10/366,715
; CURRENT FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPPE-con-S response element
US-10-366-715-9

Query Match 90.0%; Score 18; DB 12; Length 18;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 AAAGTGGTCACAAAGGTCA 20
|||||
Db 1 AAAGTGGTCACAAAGGTCA 18

RESULT 13
US-10-113-877-133

; Sequence 133, Application US/10113877
; Publication No. US20020177218A1
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; TITLE OF INVENTION: devices, systems and kits for practicing the same.
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-113-877-133

Query Match 85.0%; Score 17; DB 13; Length 25;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 AACTAGGTCAAAGGTCA 20
|||||
Db 3 AACTAGGTCAAAGGTCA 19

RESULT 14
US-09-764-891-72/c
; Sequence 72, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 506
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (458)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (475)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-764-891-72

Query Match 84.0%; Score 16.8; DB 10; Length 506;
Best Local Similarity 90.0%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CAAACTAGGTCAAAGGTCA 20
|||||
Db 413 CAAACAGGTCAAATGTCA 394

RESULT 15
US-10-366-715-11/c
; Sequence 11, Application US/10366715

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; Publication No. US20040038249A1
; GENERAL INFORMATION:
; APPLICANT: Dattiel, Raphael
; TITLE OF INVENTION: Inducible Expression Systems Employing PPAR Transcriptional
; TITLE OF INVENTION: Activators
; FILE REFERENCE: GC00026
; CURRENT APPLICATION NUMBER: US/10/366,715
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PPRE-con-AS response element
US-10-366-715-11

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Query Match      82.0%; Score 16.4; DB 12; Length 18;
Best Local Similarity 94.4%; Pred. NO. 1.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      3 AAAC TAGGTCAAAGGTCA 20
        |||||
Db      18 AAAC TAGGTCA TAGGTCA 1

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Search completed: April 9, 2004, 06:43:10
Job time : 25.5696 secs

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